ISIN Codification Service

Service Description Document

NOVEMBER 2025 (VERSION 3.2)

EURONEXT SECURITIES

Summary

EURONEXT SECURITIES

EURONEXT SECURITIES

Update log

Date of update	Chapter	Short description	Version no.
03/10/2025	Chapter 2.0	Harmonized codification of codes across all NNAs	2
03/10/2025	Chapter 2.1.3	Structure of the CFI code	2
03/10/2025	Chapter 5	Added new ES-CPH migration chapter	2
7/11/2025	General	Updated name of the service	3.1
7/11/2023	Chapter 2 and 6	Updated Role definitions	3.1
7/11/2025	Chapter 7	Added a new appendix with detailed specifications	3.1
21/11/2025	Chapter 5	Dates added for bulk reserve of ISINs in legacy	3.2
21/11/2025	Chapter 5	Flow drawings added to show the integration between target ISIN Codification Service and legacy Securities Management	3.2

EURONEXT SECURITIES

1. Introduction

Euronext Securities as National Numbering Agency (NNA) will implement the ISIN Codification service, it will be provided through a centralised platform designed to streamline the creation, update, and management of financial instrument codes in real-time, such as International Securities Identification Number (ISIN), Classification of Financial Instruments (CFI), and Financial Instruments Short Name (FISN).

The ISIN Codification service is a component of Euronext Securities' Convergence Programme. It will ensure standardised and harmonised processes, including a robust monitoring and reporting to the ANNA Service Bureau (ASB), across the markets in Denmark, Norway and Portugal, compliant with ISO standards and ANNA guidelines.

The purpose of this document, the ISIN Codification Service - Service Description Document, is to outline the services to be provided by Euronext Securities NNA, through the ISIN Codification service. The service will be offered with the implementation of a new Graphical User Interface (GUI) - MyEuronext. Services will include codification of instruments, management of the codes, reporting to the ANNA Service Bureau, and publication of the codes.

This document provides clients with comprehensive details regarding the Euronext Securities ISIN Codification Service, highlighting local specificities, as necessary, in accordance with the several phases of the implementation plan. Consequently, this document will include complementary references to Euronext Securities Copenhagen, as the first Euronext Securities NNA to migrate to the new Euronext Securities platform (Phase 1).

The NNA SDD serves as a guide for Issuers, Issuer Agents, market participants, and regulatory entities to understand the scope and functionalities of Euronext Securities NNA service.
In this context, the term 'client' refers to any actor that has a relationship with Euronext Securities as NNA (i.e. Issuers, Issuer Agents, etc., as applicable)[1].

This document describes the functional logic and sequence of processes. All processes are defined in accordance with all NNA standards[2], ensuring that the processes align with the perspective of Euronext Securities' clients.

This document reflects the status of the initiative as of May 2025 and may be subject to further amendments based on continuing discussions with clients, regulatory changes and future detailed processes definitions. Any amendments to the document will be formally approved by Euronext Securities and properly communicated to our clients. Euronext Securities' clients will also be updated about the progress of the initiative and the impact it will have on them throughout the project. Updates will be provided through a new version of the document, highlighting the main changes.

---

[1] See full list of actors in Annex
[2] Please refer to section 2.1.

EURONEXT SECURITIES

2. National Numbering Agency (NNA) role

A National Numbering Agency (NNA) is an entity responsible for the creation and management of unique identification codes for financial instruments, such as International Securities Identification Number (ISIN), Classification of Financial Instruments (CFI) codes, and Financial Instrument Short Name (FISN). These codes are essential for the standardised identification and classification of securities, facilitating efficient trading, settlement, and reporting processes across global financial markets.

Currently, Euronext Group has three NNAs for the allocation of ISIN, CFI and FISN codes to all the instruments in Denmark[3] (Euronext Securities Copenhagen), Norway[4] (Euronext Securities Oslo), and Portugal (Euronext Securities Porto), referred in this document as 'Euronext Securities NNA' (see definition at the end of the document). Euronext Securities NNAs are responsible for:

- Issuing ISIN, CFI, and FISN codes for financial instruments in these markets.

- Ensuring compliance with ISO standards and the guidelines set by the Association of National Numbering Agencies (ANNA).

- Providing a centralised and standardised service for the codification and management of financial instrument codes, and

- Facilitating seamless operations and adherence to international standards, thereby enhancing the efficiency and reliability of financial markets.

By acting as the NNA for these markets, Euronext Securities CSDs play a crucial role in maintaining the integrity and transparency of financial instrument identification, supporting market participants in their trading and settlement activities, and ensuring regulatory compliance.

For all the three Euronext Securities NNAs, the structure and requirements of the codes will be the same. All codes that are created (ISIN, CFI, FISN) are codified by the same technical solution, compliant with ISO standards and ANNA guidelines. The new service is harmonised and therefore the same data input in different NNAs, will result in a harmonised codification across the three Euronext Securities NNAs.

---

[3] Euronext Securities Copenhagen is also the National Numbering Agency for the Faroe Islands (FO) and Greenland (GL).
[4] Euronext Securities Oslo is also the National Numbering Agency for Svalbard and Jan Mayen (SJ).

EURONEXT SECURITIES

2.1 Roles in the ISIN Codification Service

The roles that apply to the ISIN Codification Service are described in the following table:

Roles	Description
Issuer	An Issuer is a legal entity that issues financial instruments and has them registered/issued in the relevant Euronext Securities CSD system. In some Euronext Securities CSDs, namely Euronext Securities Milan and Euronext Securities Porto, there is a direct relationship between Issuers and the CSD. Issuers can perform the necessary activities with Euronext Securities directly, or by designating an Issuer Agent to act on their behalf.
Issuer Agent	An Issuer Agent is a legal entity performing all or part of responsibilities with Euronext Securities on behalf of an Issuer (or where relevant, the CSD). For Euronext Securities Copenhagen and Euronext Securities Oslo, Issuer Agents are the entities that normally perform the necessary activities on behalf of an Issuer, according to the local law and CSD rules.

For more detailed information on the client roles, please refer to the Service Description Document (SDD) of Client Master Data and Account Management.

2.2 Standards and market guidelines

The processes described in this document comply with the latest version of the standards and market practices defined by:

- ISO 6166 Financial services − International securities identification number (ISIN).

- ISO 18774 Securities and related financial instruments − Financial Instrument Short Name (FISN).

- ISO 10962 Securities and related financial instruments − Classification of financial instruments (CFI) code.

- ANNA Guidelines.

- ASB Guidance - Record Structure Changes and Validations, ASB Record Format & field definitions (ANNA daily and quarterly file layout).

- ANNA Service Bureau Record Structure Changes and Validations.

Any deviations from the standards and ANNA guidelines will explicitly be stated.

EURONEXT SECURITIES

2.2.1 Rules on ISIN code

The ISO 6166 standard establishes a universally applicable International Securities Identification Number (ISIN). It provides a uniform structure for the identification of financial instruments and referential instruments using a unique identification code and associated minimum descriptive data.

The ISIN code consists of the following:

- A prefix using the alpha-2 country codes or reserved codes specified in the ISO 3166 series:
  - **DK** - Denmark
  - **GL** - Greenland
  - **FO** - Faroe Islands
  - **NO** - Norway
  - **SJ** - Svalbard and Jan Mayen
  - **PT** - Portugal

- The base number is nine characters (alphanumeric) in length. This number will be generated by the NNA platform, according to the following rules:
  - This sequential nine-character (alphanumeric) code does not already exist in the National NNA database.
  - Basic codes will be allocated in sequential order starting from the last generated in the NNA database.
  - No specific meaning will be considered[5].

- A check-digit computed using the modulus 10 "double-add-double" as specified in Annex C of ISO 6166 is used.

- A check that an ISIN code does not already exist in the Euronext Securities NNA database will be performed by country, taking into consideration all past codes assigned. This is necessary, as different rules in the different NNA legacy solutions were previously used to generate ISINs. If the ISIN generated already exists, the service will find the next available ISIN.

---

[5] The existing local codes in Denmark (Fondskoder) and in Portugal (CVM code) will be discontinued.
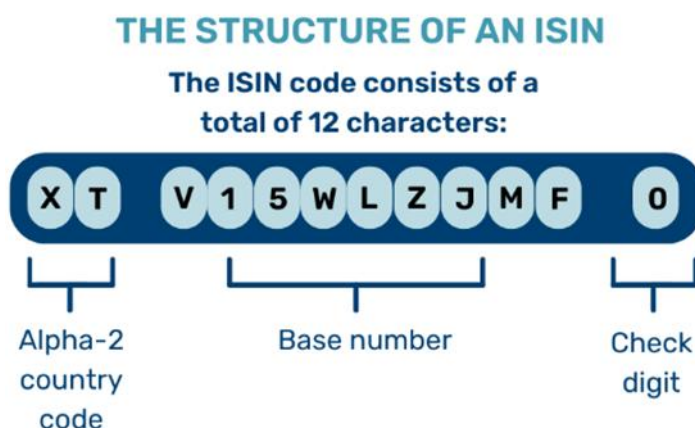
EURONEXT SECURITIES

Figure 1: Structure of an ISIN (Source: ANNA website)

2.2.2 Rules on CFI code

The Classification of Financial Instruments (CFI) code is defined by ISO 10962 and is used to classify financial instruments. The CFI code provides a standardised method to describe the structure and function of financial instruments, facilitating their identification and comparison of the instruments across markets. Below are the key rules and principles for generating CFI codes:

Structure of CFI code

1. **Format**:
   - The CFI code consists of six alphabetical characters.
   - Each character represents a specific attribute of the financial instrument.
     - The first character indicates the category of the financial instrument (e.g., Equities, Debt Instruments, Entitlements, etc.).
     - The second character specifies the group within the category (e.g., for Equites the group is Common Shares, Preferred Shares, etc.).
     - The third to sixth characters provide additional details about the instrument's attributes such as voting rights, payment status, form, and type of interest.

Principles for CFI code allocation

1. **Consistency**:
   - The CFI code must be consistent with the instrument's characteristics and comply with ISO 10962 standard.
   - The code shall accurately reflect the instrument's structure and function.

EURONEXT SECURITIES

2. **Uniqueness**:
   - o Each financial instrument must have a unique CFI code that distinguishes it from other instruments.

3. **Descriptive elements**:
   - o The CFI code must include all relevant descriptive elements to provide a comprehensive classification.
   - o These elements include the instrument's category, group, and specific attributes.

4. **Updates and changes**:
   - o Any changes to the instrument's characteristics must be reflected in an updated CFI code.

The updated code should be communicated to relevant parties to ensure accurate classification.

The CFI code is used for the classification of the securities in scope of CSDR penalties to determine the penalties rate to apply.
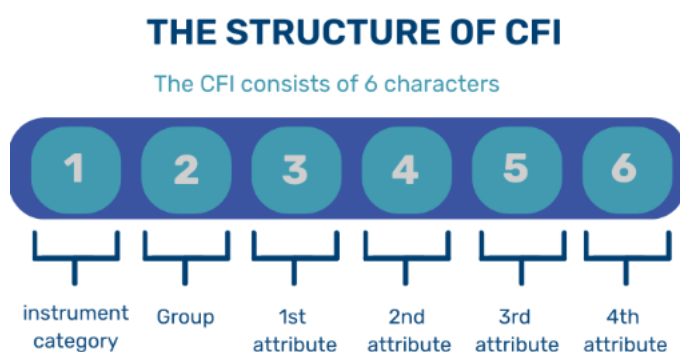

Figure 2: Structure of CFI (Source: ANNA website)

Examples of CFI code allocation

1. Debt: CFI - **DBFGBB**

Attribute	CFI	Definition
Instrument Category	D	Debt
Instrument Group	B	Bonds
First Attribute	F	Fixed Rate
Second Attribute	G	Joint Guarantee
Third Attribute	B	Amortisation plan with call feature

EURONEXT SECURITIES

Fourth Attribute	B	Bearer

2. Equities: CFI - **ESVUFN**

Attribute	CFI	Definition
Instrument Category	E	Equities
Instrument Group	S	Common/ordinary shares
First Attribute	V	Voting
Second Attribute	U	Free (unrestricted)
Third Attribute	F	Fully paid
Fourth Attribute	N	Bearer/registered

3. Funds: CFI – **CEOIES**

Attribute	CFI	Definition
Instrument Category	C	Collective investment vehicles
Instrument Group	E	Exchange Traded Funds (ETFs)
First Attribute	O	Open-end
Second Attribute	I	Income Funds
Third Attribute	E	Equities
Fourth Attribute	S	Shares

EURONEXT SECURITIES

2.2.3 CFI codes in Euronext Securities NNAs

The codification of the CFI code will be fully compliant with ISO standards and ANNA guidelines, based on selections made in MyEuronext. The logic applied to the creation of the code, is the primary letter for instrument category, which is specified initially when creating the ISIN code, which leads to the selection of the correspondent instrument group and attributes.

The Euronext Securities ISIN Codification Service will be able to assign ISIN, CFI and FISN codes to the following categories of securities/financial instruments.

Instrument Category		
Available	**Category Code**	**Category Name**
Phase 1	E	Shares (Equities)
	C	Collective Investment Vehicles (CVIs)
	D	Debt Instruments
	O	Listed Options
	F	Futures
	T	Referential Instruments
	M	Others (Miscellaneous)
	R	Entitlement (Rights)
	S	Swaps
Future phase	H	Non-Listed Complex listed Options
	L	Financing
	I	Spot
	J	Forwards
	K	Strategies

The table below lists all financial instruments that will be available Phase 1. The system always uses the logic of Category plus Group, based on the CFI categories defined by the ISO standards.

EURONEXT SECURITIES

| INSTRUMENT CATEGORY AND GROUP			
Category	**Category Name**	**Group**	**Group Name**
E	Equities	S	Common/ordinary shares
		P	Preferred/preference shares
		C	Common/ordinary convertible shares
		F	Preferred/preference convertible shares
		L	Limited partnership units
		D	Depository receipts on equities
		Y	Structured instruments (participation)
		M	Others (miscellaneous)
C	CVIs	I	Standard (vanilla) investment funds/mutual funds
		H	Hedge funds
		B	Real estate investment trust (REITs)
		E	Exchange traded funds (ETFs)
		S	Pension funds
		F	Funds of funds
		P	Private equity funds
		M	Others (miscellaneous)
D	Debt	B	Bonds
		C	Convertible bonds
		W	Bonds with warrants attached
		T	Medium-term notes
		Y	Money market instruments
		S	Structured instruments (capital protection)
		E	Structured instruments (without capital protection)
		G	Mortgage-backed securities
		A	Asset-backed securities
		N	Municipal bonds
		D	Depository receipts on debt instruments
		M	Others (miscellaneous)
O	Listed Options	C	Call options
		P	Put options

EURONEXT SECURITIES

INSTRUMENT CATEGORY AND GROUP			
Category	Category Name	Group	Group Name
		M	Others (miscellaneous)
F	Futures	F	Financial futures
		C	Commodities futures
T	Referential Instrument	C	Currencies
		R	Interest rates
		I	Indices
		M	Others (miscellaneous)
M	Others Miscellaneous	C	Combined instruments
		M	Other assets (miscellaneous)
R	Entitlement Rights	A	Allotment (bonus) rights
		S	Subscription rights
		P	Purchase rights
		W	Warrants
		F	Mini-future certificates, constant leverage certificates
		D	Depositary receipts on entitlements
		M	Others (miscellaneous)

2.2.4 Rules on the FISN code

The Financial Instrument Short Name (FISN) is a standardised code that provides a consistent and uniform approach to standardise short names and descriptions for financial instruments. The ISO 18774 standard outlines the rules for generating a Financial Instrument Short Name (FISN). Below are the key rules regarding the generation of FISN codes:

1. **Structure**: The FISN is composed of the Issuer Short Name and the instrument description, separated by a delimiter ("/"). The total length of the FISN should not exceed 35 alphanumeric characters.

2. **Issuer Short Name**: This is an abbreviation of the official Issuer name, limited to a maximum of 15 alphanumeric characters.

3. **Abbreviated Instrument Description**: This part can be up to 19 alphanumeric characters, assuming the Issuer Short Name uses its full length including the delimiter. If the Issuer Short Name uses fewer characters, the remaining space can be used for the instrument description. The instrument description uses the logic of specific fields to each instrument category plus Group.

EURONEXT SECURITIES

4. **Abbreviations and delimiters**: Abbreviations are used for securities terms and Issuer names. The delimiter "/" separates the Issuer Short Name and the Abbreviated instrument description. Blanks are used where required.

5. **Example**: An example of a FISN is "UBS GROUP/3.63 DB 20420622 SR REGS", where " UBS GROUP " is the Issuer Short Name, and "3.63 DB 20420622 SR REGS" is the Abbreviated Instrument Description.
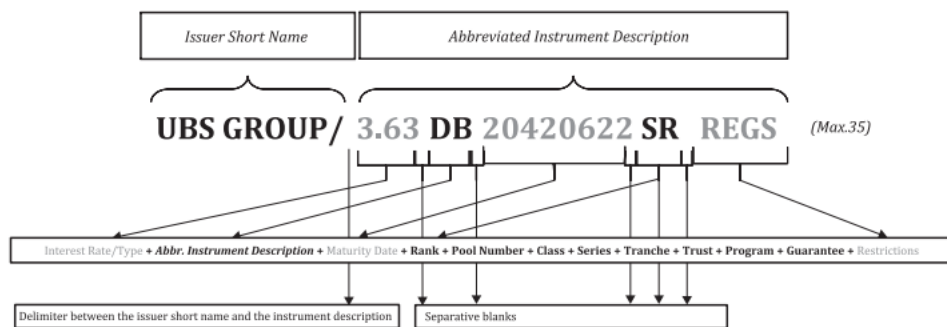
Figure 1 — Example: Senior reg S debt bond with an interest rate of 3,63 % and maturing on 2042.06.22 issued by UBS Group AG, ISIN CH1195555425

Figure 3 – Example of FISN codes (available in ISO 18774 standard)

The FISN structure conforms to the following:

- use only uppercase letters
- use a maximum of a single blank and no special characters within Issuer Short Name and Abbreviated Instrument Description
- abbreviations forming the FISN shall be separated by single space.

2.2.5 FISN structure in Euronext Securities NNAs

Euronext Securities has selected, for each type of instrument, the most relevant attributes deemed pertinent for the generation of the FISN code. Therefore, not all optional fields defined in ISO Standard 18774 were used.

For each instrument category, the structure of the FISN code is defined as the examples provided below, showing the use of specific field combinations.

It is important to include all relevant information about the financial instrument when creating it through the NNA GUI, MyEuronext. The system relies on this data to generate the FISN codes, following the rules defined for each category.

EURONEXT SECURITIES

Examples of FISN code allocation

- **Equities**: Ordinary Shares (Group S) | FISN - "**ISSUER ABC/SHS CL-1 S-1 1.2**"

Attribute	FISN code
Issuer Short Name	ISSUER ABC
Abbr Inst Desc	SHS
Class	CL-1
Series	S-1
Nominal Value (Par Value)	1.2

- **Debt**: Classic Bonds (Group B) | FISN - "**ISSUER BK./Z BD 20251231**"

In the case that the optional data used to generate the FISN code is not populated, the FISN code will be generated only with the attributes provided.

Attribute	FISN code
Issuer Short Name	ISSUER BK.
Interest Rate Type	Zero Rate (Z)
Abbr Inst Desc	BD
Expiration / Maturity Date	20251231
Class	
Series	
Tranche	

- **Entitlements**: Warrants (Group W) | FISN - "**ISSUER123/C ERP WRT CL-1**"

Attribute	FISN code
Issuer Short Name	ISSUER123
Call or Put	Call (C)
Abbr Inst Desc	ERP WRT
Expiration / Maturity Date	
Class	CL-1

EURONEXT SECURITIES

- ▪ **Collective Investment Vehicles**: Standard (vanilla) investment funds/mutual funds (Group I) | FISN - "**ISSUER CREDIT/STD FD CL-A S-1 DKK**"

Attribute	FISN code
Issuer Short Name	ISSUER CREDIT
Abbr Inst Desc	STD FD
Class	CL-A
Series	S-1
Issue Currency	DKK

The Abbreviated Instrument Description, Abbr Inst Desc, field varies according to the type of financial instrument, as detailed in the list below.

INSTRUMENT ABBREVIATIONS				
Category	Category Name	Group	Name	Abbreviation
E	Equities	S	Common/Ordinary Shares	SHS
		P	Preferred/Preference Shares	PFD PREF
C	CVIs	I	Standard/Vanilla Fund	STD FD
		E	Exchange Traded Funds (ETFs)	ETF
D	Debt	B	Bonds	BD
		T	Medium-Term Notes	MTN
		Y	Money Market Instruments	MMKT INSTR
		G	Mortgage-Backed Securities	MBS
F	Futures	F	Financial Futures	F
O	Listed Options	C	Call Options	O
T	Referential	I	Indices	IDX
R	Entitlement Rights	S	Subscription Rights	SUBS RT
		P	Purchase Rights	PUR RT
		W	Traditional Warrants	TRD WRT
		F	Mini-future certificates, constant leverage certificates	MINIF

For other categories and groups, the applicable rules can be found in Annex - Instrument Abbreviations of this document.

EURONEXT SECURITIES

3. Codification of instruments

3.1 General information

3.1.1 Instruments scope

In the first phase of implementation of the NNA platform, Euronext Securities Copenhagen clients will be able to automatically create the ISIN, CFI and FISN codes for the instrument categories already available in the market:

INSTRUMENT CATEGORY	
Category Code	**Category Name**
E	Equities (Shares)
C	Collective Investment Vehicles (CIVs)
D	Debt Instruments
O	Listed Options
F	Futures
T	Referential Instruments
M	Others (Miscellaneous)
R	Entitlement (Rights)

In the case of instrument categories not on the lists (e.g., Swaps, Non-listed Complex, Financing Spot, Forwards and Strategies), clients can directly request information about when these instrument categories will be available for codification to the NNA via email.

Entities that wish to request codification of instruments but are not Euronext Securities clients, and as such, do not have access to MyEuronext, must also communicate directly with the NNA, via email, with all documentation or descriptive data elements for the correct assignment of codes.

3.1.2 Information required

It is the responsibility of the Issuer and/or Issuer Agent (as applicable) to ensure the accuracy of the data entered in the NNA GUI, MyEuronext.

The correctness of ISIN, CFI, and FISN codes are crucial for the securities market, as the codes serve as essential identifiers that ensure the smooth functioning and integrity of

EURONEXT SECURITIES

global financial systems and are used by regulators, central banks, Euronext Securities clients and industry associations.

To ensure the correct assignment of ISIN, CFI, and FISN codes, the existence of sufficient and relevant documentation that allows for the unmistakable characterisation of the instrument is required.

An Issuer Agent in Euronext Securities Copenhagen must ensure it holds and has validated all the required and relevant documentation prior to sending the request to create update or de-activate the codes (ISIN, CFI, and FISN).
For Euronext Securities Porto and Euronext Securities Oslo, no changes in the process and validation of documentation are expected.

The specific documentation needed depends on the category of the instruments e.g. prospectus, legal offering document, regulatory notification, term sheet, and descriptive data elements, shall be obtained from the originator, namely for derivative products, referential instruments and others.

3.2 ISIN Codification Service functionalities

The Issuer and/or Issuer Agent (as applicable) will use MyEuronext to access the Service. It will be used for the creation, management and monitoring of the codes. A User Guide of MyEuronext will be available before the start of client testing, explaining in detail all the functionalities and screens.

To have access to MyEuronext, the Issuer and/or Issuer Agent (as applicable), must sign an agreement with Euronext Securities NNA. More details will be provided at a later stage.

As a contingency plan, if the Issuer and/or Issuer Agent (as applicable) does not have access to MyEuronext, the request must be sent directly to the Euronext Securities NNA, via email, with all documentation and/or descriptive data elements for the correct assignment of the codes.

3.2.1 Create instrument codes

Issuer and/or Issuer Agent (as applicable) can send requests for the creation of codes (ISIN, CFI and FISN) through MyEuronext.

Once all the required fields for the creation of ISIN, CFI and FISN codes have been filled and submitted, the codes will automatically be generated. The codes will be created according to the most recent available ISO standards and ANNA guidelines rules. The specification of the rules and ISO standards can be found in 2.1 Standards and market guidelines.

The Issuer and/or Issuer Agent (as applicable) can send requests for the creation of one single instrument by filling in the required fields in the term sheet available in MyEuronext. Alternatively, requests can be sent for several instruments at the same time as a bulk request. A bulk request is created by providing all the required information in a

EURONEXT SECURITIES

file and send it to Euronext Securities Business Operations Team. Each file can only include requests from one Issuer and must be for the same type of instrument (Category + Group). In both cases, the codes will be automatically generated. For phase one, the bulk creation request functionality will be available for two instrument groups: EY Structured instruments and RF Mini Futures/Constant Leverage Certificates.

In the case that the bulk request contains at least one request with errors, the system will only correctly process the subset of requests that do not contain errors and will not process and send back the error message(s) for the one(s) with errors.

After creating the codes, the Service will inform the Issuer and/or Issuer Agent (as applicable) about all the code(s) created and report on any potential errors, if applicable.

More details, namely the status codes available, will be provided in the MyEuronext User Guide.
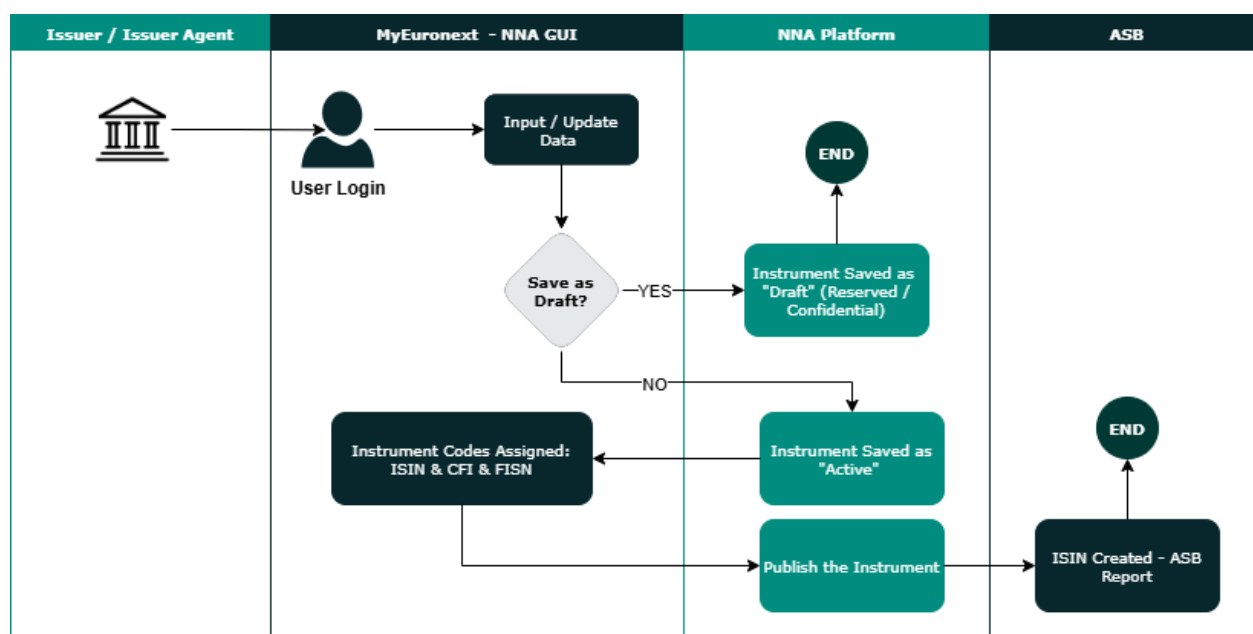
Figure 4 – Flow for code creation.

Before submitting the request, the Issuer Agent in Euronext Securities Copenhagen must ensure it holds and has validated all the documentation required for submitting the request for the creation of the instrument(s) codes. It must also ensure that the information that is entered into the system matches that of the documentation.

In the case that some of the information and documentation required for the creation of the codes is not yet available, the Issuer Agent can enter the information available and save it in draft status. When all the information and documentation is available, the request can be completed and submitted.

For Euronext Securities Porto and Euronext Securities Oslo, no changes in the process and validation of documentation are expected.

EURONEXT SECURITIES

3.2.2 Reserve ISINs

In instances where it is necessary to obtain one or multiple ISIN codes in advance, the Service ensures the possibility for timely reservation of the ISIN codes.

For the reservation of ISINs, the Issuer and/or Issuer Agent (as applicable) will be able to request the reservation of an ISIN or several ISINs, by submitting the following information:

- Issue Country Code
- Issuer
- Instrument Category
- Number of ISINs needed.

In case any error is identified when validating the request, the Issuer and/or Issuer Agent (as applicable) will be informed to update the information and submit the request again.

After successfully submitting the request, the system will reserve all the requested ISIN codes and will inform the codes to the Issuer and/or Issuer Agent (as applicable). The reserved ISINs will not be reported to the ANNA Service Bureau (ASB), until all the information is provided and the CFI and FISN codes have been created.

Once an ISIN is reserved, it is not possible to change the previous input data on the instrument.

Whenever the Issuer and/or Issuer Agent (as applicable) wants to use one or several of the reserved ISINs, they must access the ISIN(s) in the ISIN Codification Service GUI, MyEuronext, select the ISIN and send an update request, according to the procedures defined in section 3.2.2 - Create instrument codes of this document.

3.2.3 Confidential ISINs and publication date

Whenever needed, the Issuer and/or Issuer Agent (as applicable) can set up a code to be confidential via the ISIN Codification Service GUI, MyEuronext. This is done by selecting a specific "Confidential" field and defining a future publication date. When this date is reached, the instrument will automatically become active. For this purpose, all mandatory fields for the specific financial instrument must be completed in the ISIN Codification Service GUI, MyEuronext.

When an instrument is marked as "Confidential", it is not active and will not be reported to the ANNA Service Bureau (ASB).

Both the confidential field and the publication date can be updated while the instrument remains in draft status. However, once the instrument becomes active and is reported to ASB, it is no longer possible to set the instrument as confidential.

3.2.4 Update instrument codes

It is important that the information of the codes (ISIN, CFI and FISN) is kept updated by the Issuer and/or Issuer Agent (as applicable). Therefore, whenever there is a change in any of the attributes of the instrument for which the codes were created, the Issuer

EURONEXT SECURITIES

and/or Issuer Agent (as applicable) must send an update request to the ISIN Codification Service, via MyEuronext. After performing all the necessary validations, the system will update the codes, and the changes will be reported to the ASB (as defined in section 4 - ANNA Service Bureau (ASB) Reporting).

The Issuer and/or Issuer Agent (as applicable) must ensure that they have received and validated all the documentation required for the update of the instrument(s) codes and validated the information in the service is in line with the documentation received.

The Issuer and/or Issuer Agent (as applicable) can also send an update request to use one of the previously reserved ISINs (to reserve ISINs). In this case, the Issuer and/or Issuer Agent (as applicable) must enter the required missing information in the ISIN Codification Service GUI, MyEuronext, and submit the request. After validation, the service will generate and provide the remaining codes (CFI and FISN). The codes will be created and reported to the ASB.

Updates allowed for reserved and draft statuses are, among other fields:

- Group
- CFI Attributes
- Issue Description
- Confidential Indicator
- Publication Date.

3.2.5 Deactivate instrument codes

The Issuer and/or Issuer Agent (as applicable) must also ensure that any instrument that becomes inactive, also will be reflected in the NNA platform. Therefore, a request to deactivate the codes must be submitted as soon as possible for those that are no longer active. This is to ensure the data is always up-to-date, and no errors or alerts are reported by the ASB.

In this case, the Issuer and/or Issuer Agent (as applicable), for Euronext Securities Copenhagen, must ensure they have received and validated all the documentation for sending the request for the deactivation of the instrument(s) codes, ensure the information is in line with the documentation and insert the "Deactivation Reason" on the ISIN Codification Service GUI, MyEuronext. More details will be provided in the MyEuronext User Guide.

For Euronext Securities Porto and Euronext Securities Oslo, no changes in the process and validation of documentation are expected.

The deactivation of an instrument can only occur if the code is in Active state.

3.2.6 Query of codes

The Issuer and/or Issuer Agent (as applicable) will be able to perform queries to the ISIN Codification Service according to their access rights. For queries the Issuer and/or Issuer Agent (as applicable) will have several criteria/filters available to be used, namely by:

- Issuer Identification Number
- Issuer Short Name

EURONEXT SECURITIES

- ISIN Code
- Instrument Category
- Instrument Group
- Instrument Status
- Currency
- Creation Date
- Publication Date
- Deactivation Date

After the information from the result will be provided on the screen, more details will be available, and the result can be downloaded as a file (Excel/csv).

EURONEXT SECURITIES

4. ANNA Service Bureau (ASB) Reporting

The ASB is a central data hub that has been collecting and enriching securities data from around the world since 2001. Daily, the National Numbering Agencies reports new ISINs, CFIs and FISNs as well as updates to existing data to the ASB.

Euronext Securities NNAs sends daily reports and a quarterly master report to the ASB.

4.1 Daily reporting

As part of its role as NNA for all the instruments in several markets, Euronext Securities must report daily delta files to the ASB. These files include the new codes created, codes updated, and codes inactivated since the last report. The daily delta reports to the ASB are generated and sent automatically after the end of the day, at a specific time.

After receiving the files, the ASB validates them and reports any error(s) or rejections. The Euronext Securities NNA will report the ASB validation status to the requester of the codes.

Clients must follow up on the instrument code requests daily, to check if the codes assigned have been validated or not by the ASB, and perform the required actions, in case needed.

4.2 Master reporting

Euronext Securities NNAs must also send a Master file to the ASB on a quarterly basis, with information on all the instruments that are active, to ensure that the ASB database is reconciled with the database of the NNA.

EURONEXT SECURITIES

5. Euronext Securities Copenhagen migration specifications

5.1 Introduction

The purpose of this chapter is to outline the migration specifications for the ISIN Codification Service provided by Euronext Securities as a NNA, for Euronext Securities Copenhagen, the first Euronext Securities NNA to implement the new ISIN Codification Service and a new Graphical User Interface (GUI) for codification of instruments, management of the codes, reporting to the ANNA Service Bureau, and the publication of the codes.

The document will be updated on an ongoing basis, whenever needed and more details are available.

5.2 MyEuronext User Access Management

For the new ISIN Codification Service, MyEuronext will be the Graphical User Interface (GUI) for the users that act as Issuer Agents at Euronext Securities Copenhagen. Access will have to be set up prior to testing and to go live. Similarly to vp.ONLINE each participating entity will appoint a Master User that can create users with rights to either read, write or both.

Once a user is set up in both vp.ONLINE and MyEuronext it will be possible to move between both platforms without re-logging in. The user will be authenticated across platforms. In the ISIN Codification Service on MyEuronext, there will be a redirecting link to vp.ONLINE. when pressing the link, the user will be directed to the landing page of vp.ONLINE. This is the initial page after normal login.

The new ISIN Codification Service in MyEuronext is replacing the application "ISIN" in vp.ONLINE and will assume the data input fields in "Fondsregistret/Fondsportalen" that today is used for the codification of CFI and FISN.

5.3 Migration of data

Prior to go live, all data regarding Issuers, Issuer Agents, and Issuer Agreements will be migrated to ensure the maintenance of the relation between the Issuer and Issuer agents, and to ensure the access to request ISIN/CFI/FISN code for a specific instrument category. As this is defined in the three-party agreements.

ISIN codes

As a point of departure all ISINs created in legacy NNA will be migrated, their status will be mapped to fit the statuses that will exist on the new Euronext Securities platform.

Existing data and ISINs codes are still being analysed. If the outcome of the analysis shows that certain ISIN(s) will need more or are missing data before migration, the

EURONEXT SECURITIES

requester of the ISIN will be contacted prior to the migration to support and update the data needed.

The table below presents a mapping between the ISIN status in the legacy NNA platform and status that will be available in the new platform:

Legay Status	Future Status
1/Reserved	Draft
2/Alloted	Active
3/Draft	Draft
5/Active	Active
6/Closed	Inactive

CFI codes

CFI codes will be migrated as they are. The Category, Group and attributes defined as in the legacy NNA application will be visible in the ISIN card, with the terminology used in the ISIN codification Service. There will be no conversion with the migration. If the CFI code with the new terminology does not seems to fit the instrument as expected, you will need to update the code in MyEuronext or reach out to NNA Client Services in case you need to make any change not allowed in MyEuronext. It is not possible to change the main instrument category after the ISIN has been generated. The other attributes can be changed by the issuing agent.

However, when the instrument is active, it is not possible to change the instrument group, the confidential field, and the publication date field, the other fields will remain editable.

FISN codes

FISN codes will be migrated from legacy as the "ISO Short Name" to the new platform, where they will be defined as FISN codes. They will not be converted to follow the ISO structure that the new ISIN Codification Service is using.

If the instrument is updated after the migration in MyEuronext, the entire FISN will be updated to the new structure.

Be aware that the FISN code is generated and updated automatically. Unlike the "ISO Short Name" that is defined by the Issuer Agent and is generated based on multiple input fields that can be updated on an ongoing basis.

EURONEXT SECURITIES

5.4 Client Master Data and three-party agreements

Today new issuance agreements between the Issuer, Issuer Agents, and Euronext Securities Copenhagen are initiated in the e-Forms module in vp.ONLINE.

All existing valid agreements in the legacy system will be migrated to the new platform at the time of the go-live.

To request codification in the new platform, an Issuer Agreement has to be initiated in eForms in vp.ONLINE. The Issuer must have been set up with an Issuer ID, and the relation between the Issuer Agent and the Issuer must be in place.

5.5 Allotted ISINs

The status "allotted" for an ISIN will not be used in the new ISIN Codification Service, but the usage of the "allotted" is still available, there will just not be a differentiation between "allotted" and "active".

It will still be possible to request codification of ISIN, CFI and FISN for instruments that are not going to be registered and issued in Euronext Securities Copenhagen.

As all Issuers must have an Issuer ID, the Issuer Agent will have to use the form found on our website, fill in all the data on behalf of the Issuer, and send via email mailto:cph-clientsupport@euronext.com to Euronext Securities Copenhagen (email address: cph-clientsupport@euronext.com. The Euronext Securities NNA team will register all the data in the platform and ensure the codification of ISIN, CFI and FISN codes. If the request comes via an Issuer Agent, the confirmation will be sent to the Issuer Agent.
Issuer Agents can also simply refer Issuers to fill in the form and send this together with documentation via email on their own behalf. Then the confirmation will be sent to the Issuer.

5.6 synchronisation of data between platforms

With the implementation of the new ISIN Codification Service the end-to-end workflow that exist today will change. Data of the instrument needed to codify the ISIN, CFI and FISN codes will have to be entered in MyEuronext. This is different from the process known in vp.ONLINE today, where the CFI and FISN is created in Fondsregistret / Fondsportalen.

The datapoints have been mapped, and all the relevant data will be synchronized from the new platform to vp.ONLINE. This means that some of the input fields when creating the draft security will be pre-filled and read-only. This is to ensure that data does not have to be input twice and to ensure that it cannot be changed from two different platforms. If an error in the data is identified and must be changed, the change must be done in MyEuronext. Following this, the change will be updated in vp.ONLINE accordingly. From the implementation of the ISIN Codification Service (NNA) until the

EURONEXT SECURITIES

move of Securities Management Service to the new Euronext Securities platform, a connection between both systems will exist.

From the implementation of the ISIN Codification Service (NNA) until the move of Securities Management Service to the new Euronext Securities platform, if there is the need to update any of the common relevant data, the update must be performed via MyEuronext that will be synchronized from the new platform to vp.ONLINE. If the update refers to reference data specific to the Securities Management, it must be performed via vp.ONLINE.
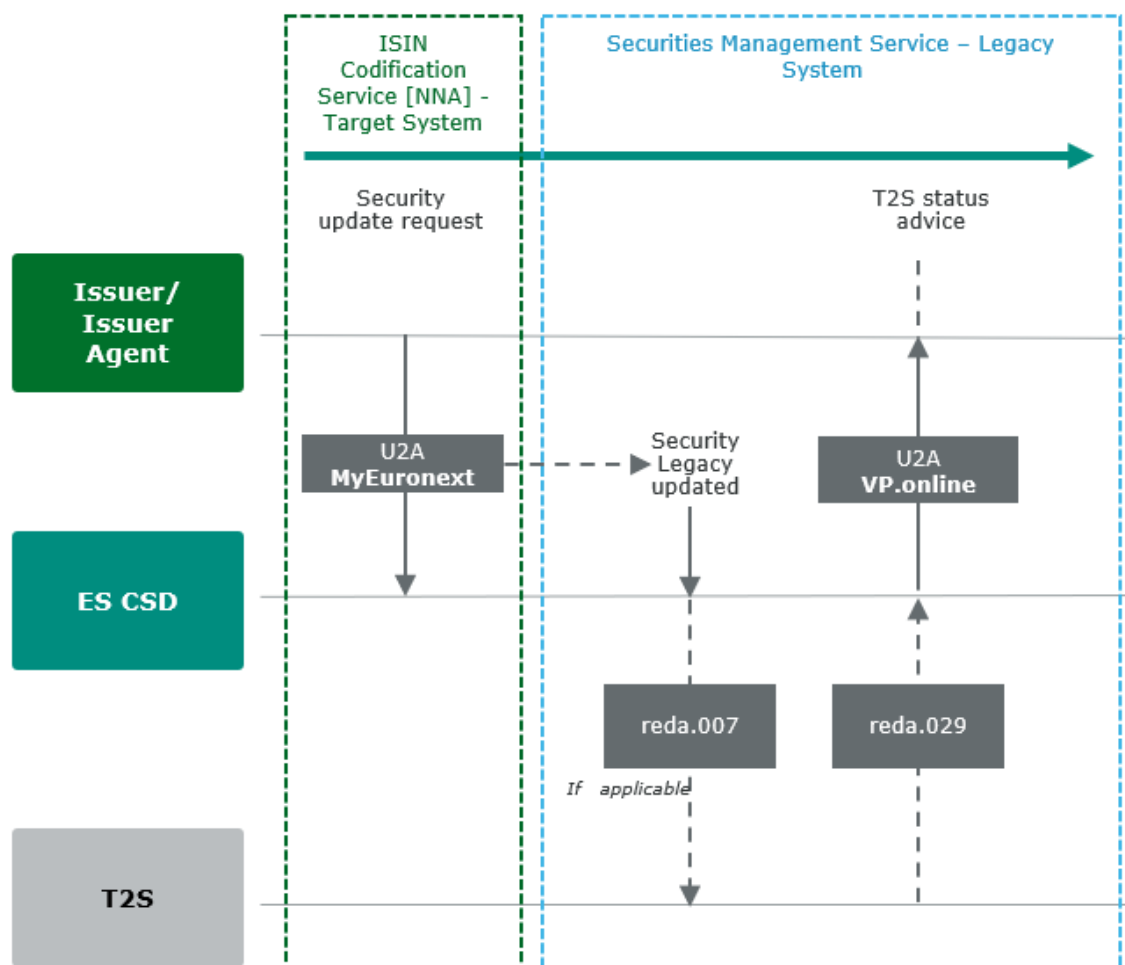
Figure 5 – Data synchronised between target to legacy system.

EURONEXT SECURITIES

5.6.1 Registration of securities in the CSD

Once the codes have been created via MyEuronext, the process for registration and issuance of securities in ES-CPH will continue in vp.ONLINE.

All ISINs that are created in the new ISIN Codification Service can be found in Fondsregistret in vp.ONLINE. This is also the case for ISINs that are used for the creation of a bond draft that must be approved by Nasdaq via Fondsportalen.

When using Fondsportalen for the creation of a bond draft, the process has to be initiated in Fondsregistret, and here the Issuer Agent can proceed in Fondsportalen.

EURONEXT SECURITIES
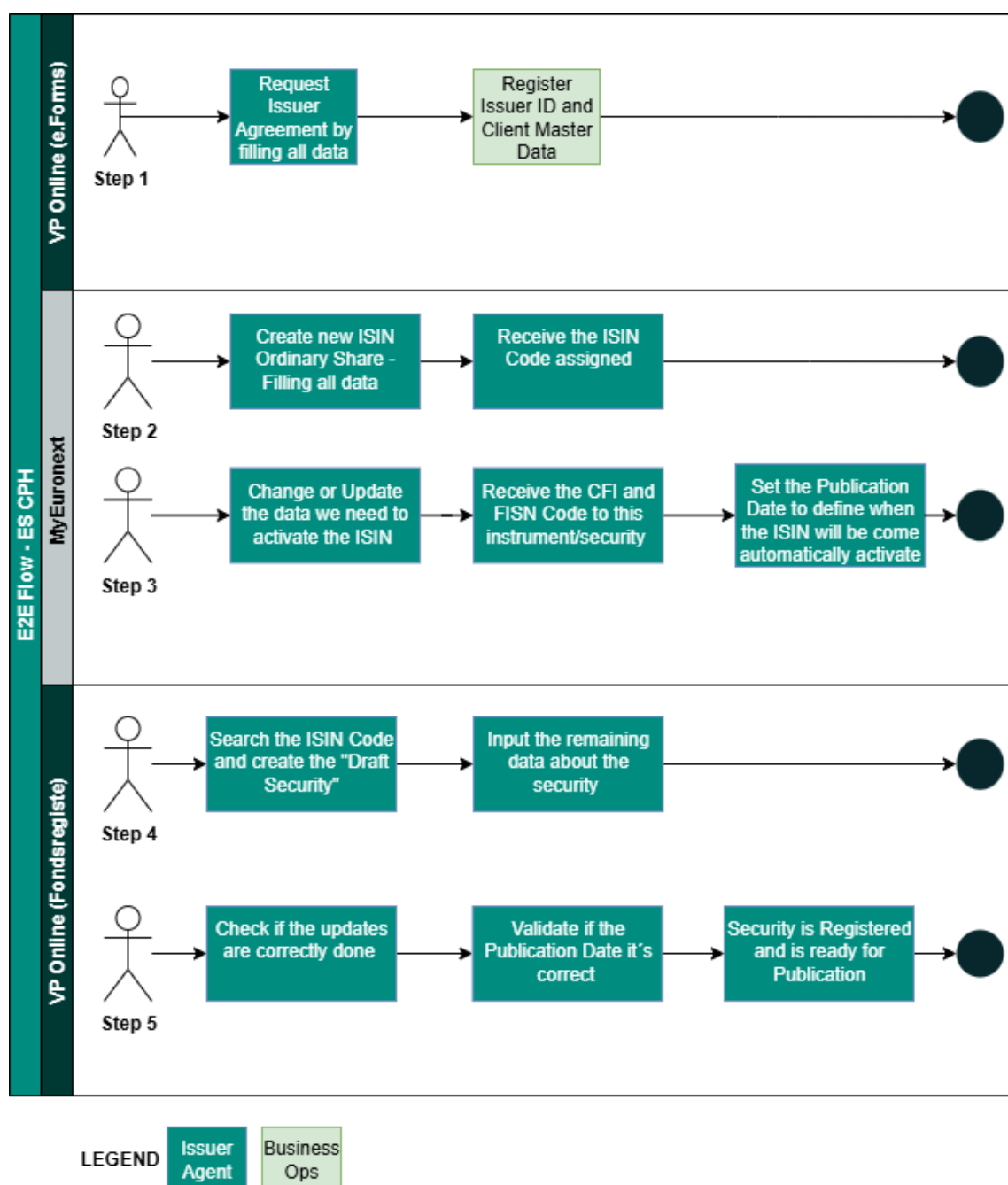
Below is an example of the E2E process for the issuance of a bond security.

Lane	Process steps
ISSUER (INT)	Decision is made to create an ISIN → Terms are written and approved → Internal approval of terms (control) → Send approved terms to Nasdaq → Receive an email with the status of the validation → When published, the VP draft is registered → Send information to the Financial Supervisory Authority (Finanstilsynet)
MyEuronext	Reservation of ISIN → Fill all the data about the Instrument → We will set publication date to the day before listing → Correct the errors in MyEuronext → Instrument it´s Activated and Send to ANNA
VP-Online	The data shared between the new NNA Target System and the Fondsregister will be pre-filled and placed in read-only mode in VP.Online. → Creation of VP and Nasdaq draft → Correction of the errors in the Nasdaq draft and VP draft → Bond is registered and issued → The bond will be visible in the Fondsregister in VP on publication day
Nasdaq	Receipt of terms by email and Nasdaq draft via vp.ONLINE → Nasdaq checks content of draft against terms in vp.ONLINE → Nasdaq approves creation and terms of the Nasdaq draft in vp.ONLINE.
Publication Day	Terms are published
Fin. Sup. At.	Receive email from Issuer informing that the bond is created with information about ISIN, CFI, FISN and publication number.
Data Centre	Datacentres receive reference data information from VP the evening before publication day.

5.6.2 Issuance and distribution of securities

In the interim period, the codes will be created in the ISIN Codification Service and registered in vp.ONLINE as described earlier in this chapter. The following part of the life cycle is the initial issuance. This process will continue AS-IS. The Issuer Agent will submit an instruction via the available channels: vp.ONLINE, 3270 (CICS), or an A2A message. The CSD system will ensure that the issuance also is executed in T2S. Afterwards, the issued amount is ready for settlement.
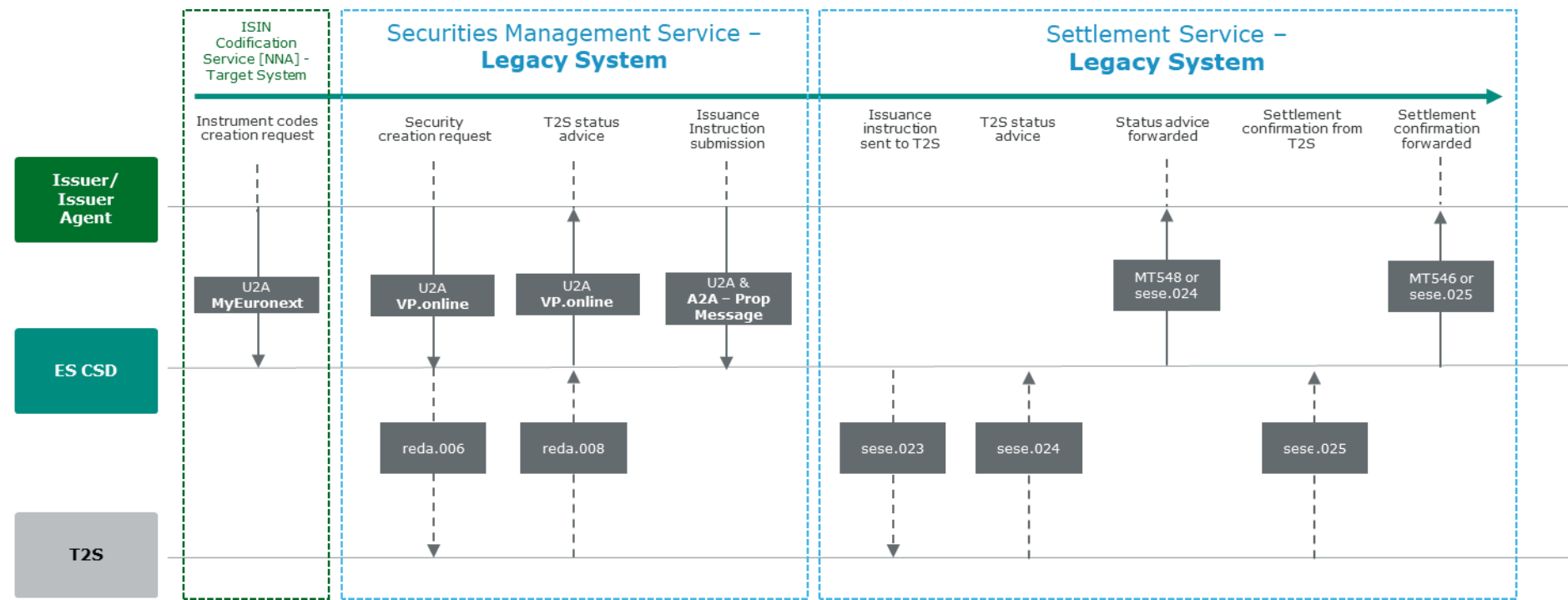
Figure 6 –Issuance and distribution of securities

5.6.3 Interim vs Target Functionalities

The table below shows how clients interacts and access functionality for the ISIN Codification Service and Securities Management - today in legacy, in the interim period from 2026 when the target ISIN Codification goes live and will be integrated with legacy Securities Management, until all CSD functionality will be available on the target platform in 2028.

	Legacy	Interim solution 2026	Target solution 2028
Instrument codes			
Create / Update/ Cancel ISIN	vp.ONLINE	MyEuronext	MyEuronext
Bulk creation of instruments codes *For Structured Investment Products*	vp.ONLINE	MyEuronext	MyEuronext
Copy function of instruments codes *For debt*	vp.ONLINE	No	TBD
Securities			
Create / Update/ Cancel security	vp.ONLINE	vp.ONLINE	MyEuronext
Bulk creation of securities *For Structured Investment Products*	vp.ONLINE	vp.ONLINE	MyEuronext
Copy function of securities *For debt*	vp.ONLINE	*To be confirmed	MyEuronext
Send issuance instruction	vp.ONLINE Or A2A	vp.ONLINE Or A2A	MyEuronext Or A2A
NASDAQ listing *For debt*	vp.ONLINE / Fondsportalen	vp.ONLINE / Fondsportalen	MyEuronext

*We are reviewing the topic internally. Further feedback on this copy function will be provided on a later date.

EURONEXT SECURITIES

5.7 Fondskoder

The Danish market has a local instrument identifier – Fondskoder. These are not in line with the ISO standards for NNA codes, and they cannot be used outside of Denmark. Therefore, Fondskoder will be decommissioned, once the entire legacy CSD platform has been migrated.

Euronext Securities Copenhagen will continue to support Fondskoder when the new NNA platform goes live for a period of time, to support market transition and preparedness. But some changes must be expected.

Today the Fondskode is created along with and as a subset of the ISIN code, to which the code is related.

As the new ISIN Codification Service is designed to create codes solely based on ISO standards, it will not create Fondskoder in the same process as when ISINs are created.

The Fondskoder will instead, as today, continue to be created in the legacy system. The segregation of these two flows will remove the relation between the two codes, meaning that it will not be possible to identify them by matching the numbers in the code. Instead, this will be similar to the way that Fondskoder are created and assigned to foreign ISIN codes today.

This means that the Fondskoder which are numeric of 7 digits will consist of:

- 6 unique numbers (0-9)*
- 1 modulo check number on the unique number

*The 6 unique numbers are randomly selected.

Presented below is an example of how the Fondskoder will be created:

Therefore, we recommend clients to start being prepared for the decommissioning, in the future, of Fondskoder from Euronext Securities Copenhagen systems.
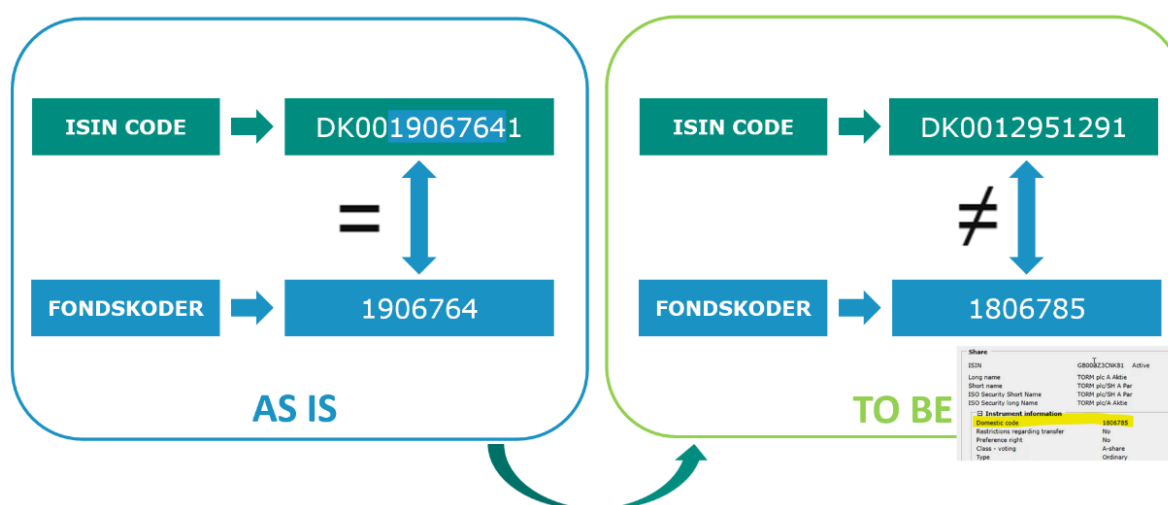
5.7.1 Reporting and Communication of Fondskoder

Fondskoder that are created after the NNA go-live will continue to be reported as reference data related to the security, when it is registered in the CSD. This is applicable for as long as these proprietary messages will exist and for as long as the Fondskoder creation will be supported.

The Fondskoder will also be visible in the CICS and can be used as today.

As a new feature, it will be visible in vp.ONLINE in the Fondsregister as a "domestic code".

5.7.2 Individual Number Series

Today certain bond Issuers have individual number series. Both the ISIN codes and the Fondskoder consist of the same initial digits.

Issuer ID	Issuer name	Number series
14224	Nordea Kredit	DK00020
10500	Kommunekredit	DK00089
10103	Skibskredit	DK00041
10001	Realkredit Danmark	DK00046
10001	Realkredit Danmark	DK00092
10099	Den Danske Stat	DK00098
10099	Den Danske Stat	DK00099
10105	Jyske Realkredit	DK00094
10105	Jyske Realkredit	DK00093
10200	DLR Kredit	DK00063
10600	Nykredit Realkredit	DK00049
10600	Nykredit Realkredit	DK00095

EURONEXT SECURITIES

| 10600 | Nykredit Realkredit | DK00097 |
| 10901 | Totalkredit | DK00047 |

With the implementation of the new ISIN Codification Service, individual number series will no longer be supported, as they are not in compliance with the ISO standards for ISIN codes. In case you which to use the current number series we recommend clients to reserve several ISINs before the migration to the new platform. They can after be used in the new platform through the update functionality.

5.7.3 Bulk reserve of ISINs vp.Online

It will be possible for these Issuers to reserve a large quantity of ISIN codes with the individual number series for future use. This must be done prior to the go-live of the new platform. When the ISIN codes are created as "Reserved", the derived Fondskoder will be created simultaneously in the legacy system.

When all data is migrated to the new platform, these codes will be available as "Reserved" and can be activated when needed.

Previously reserved ISINs in the legacy system, with individual number series with status "Reserved", will also be migrated to the new platform.

An ISIN that has been reserved, can if needed still be activated in vp.ONLINE prior to go-live. Then it will simply be migrated with status "Active". For these ISINs the specifically derived Fondskoder will be related to the ISINs when activated. This will be the case for as long as the legacy CSD system is on the current platform.

The bulk reserve of ISINs can be requested via email to cph-clientsupport@euronext.com from 23 February 2026. The request must include the following information:

- Issuer country code
- Issuer short name
- Issuer ID
- CFI Instrument category (Debt)
- The number series
- Number of ISINs to reserve

The request should be received no later than 13 March 2026. Please expect a processing period of up to 10 days.

6.   Appendix A

6.1 Glossary

Below is a definition of terms used in this document. If not otherwise specified:

- All times used in this document are in Central European Time (CET).
- 'We', 'our' and 'us' refer to Euronext Securities.

Terms	Definitions
ANNA	Association of National Numbering Agencies
ASB	ANNA Service Bureau
CSD	Central Securities Depository
CFI	Classification of Financial Instruments
CIVs	Collective Investment Vehicles
ESG	Environmental, Social and Governance
FISN	Financial Instrument Short Name
GUI	Acronym for Graphical User Interface. The interface that allows a user to interact with a software application using graphical elements (e.g., windows, menus, buttons and icons) on a computer screen, using the keyboard and mouse, etc., e.g., the "MyEuronext" portal
ISIN	International Securities Identification Number
ISO	International Organization for Standardization
LEI	Legal Entity Identifier
MIC	Market Identifier Code
NNA	National Numbering Agency
SDD	Service Description Document

EURONEXT SECURITIES

6.2 Actors

Actors involved in the NNA events processing.

The NNA events lifecycles anticipate the interaction between different actors involved in each step of the processes. One actor can also assume different roles. The following is a list of the main actors.

Actor	Role
Euronext Securities NNA	Euronext Securities NNA is referred to as the NNA for Denmark, Norway and Portugal (as applicable). Historically, each local CSD was appointed as a local NNA by ANNA. Communication and services related to the NNA is handled by Business Operations.
Issuer	A legal entity that issues financial instruments and has them registered in the relevant Euronext Securities CSD system. In some Euronext Securities CSDs, namely Euronext Securities Milan and Euronext Securities Porto, there is a direct relationship between Issuers and the CSD. Issuers can perform the necessary activities with Euronext Securities directly, or by designating an Issuer Agent to act on their behalf.
Issuer Agent	An Issuer Agent is an entity that performs all or part of issuance related activities on behalf of the Issuer within Euronext Securities. The Issuer Agent must fulfil the following criteria: - It has been designated by an Issuer for one or several financial instruments. - It has been approved by a CSD to act on behalf of the Issuer in matters concerning the CSD. The Issuer Agent has the authority to request the creation of an ISIN and keep all the information updated. The Issuer Agent is also responsible for providing all relevant data required for the CSD to facilitate the processing of the ISIN request, and documentation if requested.

EURONEXT SECURITIES

6.3 Term Sheet – Instrument details

The Term Sheet sets out the information needed to fill in on the ISIN Codification Service GUI, MyEuronext, for the correct assignment of the codes. The fields that need to be filled in depend on the type of instrument for which the codes are requested.

The information mentioned above includes:

- Mandatory fields clearly identified
- Optional and conditional fields
- A set of additional information related to each field of the Term Sheet, to guide in completing it.

The input data is organised in certain information structure with similar information, to make it easier to fill in the fields in the NNA GUI, MyEuronext.

Example: Financial instruments – Equities Common/ordinary Shares (E-S)

Instrument details	Field	Type Of field[6]
Preliminary Terms/Prospectus	Terms/Prospectus	O
Main Characteristics	**Issue description**	**M**
	Abbreviated Instrument Description	**M**
	Issue date	O
	Maturity/Expiry Date	O
	Class	O
	Series	O
	Nominal Value	O
	Issue price	O
	Issue Currency	**M**
	Smallest Denomination	O
	Quantity of the security	O
Exercise, Conversion and Asset Details	Conversion Ratio	O
	Underlying Instrument Name	O
	Underlying Assets	O
ISIN change (Corporate Actions)	Old ISIN	O
	New ISIN	O
CSD, Fund Manager and Market Information	**CSD indicator (registered or not registered)**	**M**

---

[6] O - Optional; M – Mandatory. It is recommended to fill in all the optional fields for a better characterisation of the instruments.

EURONEXT SECURITIES

Instrument details	Field	Type Of field[6]
	Date of the registration in the CSD	O
	Central Security Depository (CSD) Name	O
	Central Security Depository (CSD) LEI	O
	Lead Manager Name	O
	Lead Manager LEI	O
	Market Identifier Code (MIC)	O
Digital Transformation and ESG	Digital asset	O
	ESG	O
Additional Information	Additional Information	**O**
Publication settings	**Confidential**	**M**
	Publication Date	O

EURONEXT SECURITIES

6.4 Instrument abbreviations

The abbreviations used in this document are part of ANNA's official list of abbreviations.

Category	Category Name	Group	Name	Abbreviation
INSTRUMENT ABBREVIATIONS				
E	Equities	S	Common/ordinary shares	SHS
			Common/ordinary shares bearer	BR SHS
			Common/ordinary shares registered	REG SHS
		C	Common/ordinary Convertible Shares	CV SHS
			Common/ordinary Convertible Shares bearer	CV BR SHS
			Common/ordinary Convertible Shares Registered	CV REG SHS
		L	Units of Limited Partnership	ULP
			Units of Limited Partnership Registered	ULP REG
			Units of Limited Partnership Bearer	ULP BR
		D	American Depository Receipt	ADR
			Depository Receipt	DR
			Sponsored	S
			Global depositary receipt	GDR
			Depository Share	DS
		P	Preferred / Preference shares	PFD PREF
			Preferred / Preference shares registered	PFD PREF REG
			Preferred / Preference shares bearer	PFD PREF BR
			Preferred Shares	PFD
			Preferred Shares Registered	PFD REG
			Preferred Shares Bearer	PFD BR
			Preference Shares	PREF
			Preference Shares Bearer	PREF BR
			Preference Shares Registered	PREF REG
		F	Preferred / Preference convertible shares	PFD PREF CV
			Preferred / Preference convertible shares Bearer	PFD PREF CV BR
			Preferred / Preference convertible shares Registered	PFD PREF CV REG
			Preference convertible shares	PREF CV
			Preference convertible shares Registered	PREF CV REG
			Preference convertible shares Bearer	PREF CV BR
			Preferred convertible shares	PFD CV
			Preferred convertible shares Registered	PFD CV REG
			Preferred convertible shares Bearer	PFD CV BR

EURONEXT SECURITIES

INSTRUMENT ABBREVIATIONS				
Category	Category Name	Group	Name	Abbreviation
		Y	Structured instruments (participation)	STRUCT PARTN
		M	Others	EQ OTH
C	CVIs	I	Standard/Vanilla Fund	STD FD
		H	Hedge Funds	HDG FD
		B	Real estate investment trust (REITs)	REIT
		E	Exchange traded funds (ETFs)	ETF
		S	Pension funds	PEN FD
		F	Funds of Funds	FOF
		P	Private equity funds	PVT EQ FD
		M	Others (miscellaneous) Funds	OTH FD
D	Debt	B	Bonds	BD
		C	Convertible Bonds	CV BD
		W	Bonds with Warrants attached	BD WRT
		T	Medium-Term Notes	MTN
			Euro Medium-Term Notes	EMTN
		Y	Money Market Instruments	MMKT INSTR
			Commercial paper	CP
			Euro Commercial paper	EUR CP
			Treasury Bills	TB
		S	Structured Instruments, with Capital Protection	STRWCPR
			Structured Instruments	STRUCT
		E	Structured Instruments, without Capital Protection	STRWOCPR
			Structured Instruments	STRUCT
		G	Mortgage-backed securities	MBS
		A	Asset-backed securities	ASST BKD
		N	Municipal Bonds	MUN BD
		D	Depository receipts	DR DBT
		M	Others	OTH DBT
			Bank Loan	BK LN
			Promissory note	PROM NT
F	Futures	F	Financial futures	FINF
		C	Commodities futures	COF
O	Listed Options	C	Call Options	O
		P	Put Options	O

EURONEXT SECURITIES

INSTRUMENT ABBREVIATIONS				
Category	Category Name	Group	Name	Abbreviation
		M	Others	O
T	Referential Instrument	C	Currencies	CY
		R	Interest Rates	IR
		I	Indices	IDX
		M	Others (miscellaneous)	REFTL INSTRS
				OTH
M	Others Miscellaneous	C	Combined instruments	UT
		M	Other assets (miscellaneous)	OTH ASST
R	Entitlement Rights	A	Allotment (rights)	ALLOTT RT
		S	Subscription rights	SUBS RT
		P	Purchase rights	PUR RT
		W	European	ERP WRT
			American	AMER WRT
			Bermudan	BERM WRT
			Others	OTH WRT
			Traditional Warrants	TRD WRT
			Naked Warrants	NKD WRT
			Structured Warrants	STRUCT WRT
			Covered Warrants	COV WRT
		F	Mini-future certificates, Constant leverage certificates	MINIF
		D	Depository receipt	DR
			Allotment (rights)	ALLOTT RT DR
			Subscription rights	SUBS RT DR
			Purchase rights	PUR RT DR
			Others (miscellaneous)	OTH DR
			Warrants	WRT DR
		M	Others	OTH ENTL RT

EURONEXT SECURITIES

7. Appendix B (NEW)

7.1 Detailed specifications

The following chapter contains information about the logic that is implemented in the ISIN codification Service for the creation of ISIN, CFI and FISN. The logic is based in the ISO standards.

A spreadsheet containing all the varieties of CFI instrument categories and groups can be found here. The spreadsheet is published by ANNA. Please note that the Euronext Securities ISIN Codification Service does not cover all the varieties in the first phase of go-live in Denmark. For the creation of CFI codes, the option to select X – "No value" can be applied as a specific attribute for certain instrument groups, but for others this selection is not accepted if the instrument is going to be registered as a security in the CSD. Therefore, it is highly recommended to always select all potential attributes for the specific Group.

The second part of this chapter is Accepted Values. This entails a full list of all fields that exists in the ISIN Codification Service in MyEuronext.

The third part consist of a detailed description of the FISN code on instrument level. For each group there is a section which has a table that shows the element that the FISN consist of. There is also a table with a description of the components applicable for the instrument category. Here it is also marked which components are mandatory and which are optional. Finally, there is a table with the abbreviations of the instruments used for each category.

EURONEXT SECURITIES

7.2 Accepted values

Accepted values				
Field	**Used for**	**Accepted Values**	**Definitions**	**Help text**
Issue Country Code	General	DK NO PT GL FO SJ	DK - Denmark GL - Greenland FO - Fareo Islands NO - Norway SJ - Svalbard/ Jan Mayen PT - Portugal	Country code of the instrument according to ISO 3166
Instrument Category	General	E C D R O F T M	E - Equities C - Collective Investment Vehicles (CVI) D - Debt instruments R - Entitlements (rights) O - Options F - Futures T - Referential instruments M - Others (miscellaneous)	Categories included in the ISO 10962 - CFI Code - First character of the CFI code
Instrument Group	General	Changing based on the category		Categories included in the ISO 10962 - CFI Code - Second character of the CFI code
Confidential	General	True/False		A confidential code will not be publicly disclosed. Choose True in case the code must be kept confidential
Publication Date	General	8 Numeric. Format date YYYYMMDD		Date on which the ISIN code will be reported to ANNA and made public

Field	Used for	Accepted Values	Definitions	Help text
Voting right	CFI	V N R E (X)	V - Voting (Each share has one vote) N - Non-voting (the shareholder has no voting right) R - Restricted voting (the shareholder may be entitled to less than one vote per share) E - Enhanced voting (the shareholder is entitled to more than one vote per share) (X - No value)	Indicates the kind of voting power conferred to the shareholder
Ownership/transfer/sales restrictions	CFI	T U	T – Restrictions U – Free (unrestricted)	The ownership or transfer of the security is subject to special conditions including country-specific restrictions
Payment status	CFI	O P F (X)	O - Nil paid P - Partly paid F - Fully paid (X - No value)	In the context of share capital
Form	CFI	B R N M (X)	B -Bearer R - Registered B - Bearer/registered M -Others (miscellaneous) (X - No value)	Negotiability, transmission
Redemption	CFI	R E T G A C N (X)	R - Redeemable E - Extendible T - Redeemable/extendible G - Exchangeable A - Redeemable/exchangeable/extendible C - Redeemable/exchangeable N - Perpetual (the share has no fixed maturity date) (X - No value)	Indicates the retirement provisions made for the shares

Field	Used for	Accepted Values	Definitions	Help text
Redemption/reimbursement	CFI	F G C D A B T L P Q R E (X)	F - Fixed maturity (the principal amount is repaid in full at maturity) G - Fixed maturity with call feature (the issue may be called for redemption prior to the fixed maturity date) C - Fixed maturity with put feature (the holder may request the reimbursement of his or her bonds prior to the maturity date) D - Fixed maturity with put and call A - Amortization plan (reduction of principal by regular payments) B - Amortization plan with call feature (the redemption of principal may occur as the result of the outstanding portion of the bond being called) T - Amortization plan with put feature L - Amortization plan with put and call P - Perpetual (the debt instrument has no fixed maturity date and is only due for redemption in the case of the issuer's liquidation) Q - Perpetual with call feature (the issue may be called for redemption at some time in the future) R - Perpetual with put feature (the issue may be puttable for redemption at some time in the future) E - Extendible (X - No value)	Indicates the retirement provisions made for the debt issue
Redemption/conversion of the underlying assets	CFI	R N B D (X)	R - Redeemable N - Perpetual B - Convertible D - Convertible/redeemable (X - No value)	For common/ordinary shares and limited partnerships, only the values N (perpetual) and X (not applicable/undefined) may be used. All values apply for other underlying instruments
Income	CFI	F C P Q A N U D (X)	F - Fixed rate income C - Cumulative, fixed rate income P - Participating income Q - Cumulative, participating income A - Adjustable/variable rate income N - Normal rate income U - Auction rate income D – Dividends* (X - No value)	Indicates the kind of dividend income the shareholders are entitled to *The D – Dividends is only admitted for ED instruments.

Field	Used for	Accepted Values	Definitions	Help text
Instrument dependency	CFI	S P C F L M (X)	S - Common/ordinary shares P - Preferred/preference shares C - Common/ordinary convertible shares F - Preferred/preference convertible shares L - Limited partnership units O - Others (miscellaneous) (X - No value)	Represents the ownership of an instrument
Type	CFI	A B C D E M (X)	A - Tracker certificate B - Outperformance certificate C - Bonus certificate D - Outperformance bonus certificate E - Twin-win-certificate M - Others (miscellaneous) (X - No value)	Type of Structured Instrument
Distribution	CFI	D Y M (X)	D - Dividend payments Y - No payments M - Others (miscellaneous) (X - No value)	Indicates the cash distribution provided by the structured instrument
Repayment	CFI	F V E M (X)	F - Cash repayment V - Physical repayment E - Elect at settlement (determined at the time of settlement) M - Others (miscellaneous) (X - No value)	Indicates the repayment form provided by the structured instrument
Underlying assets	CFI	B S D G T C I N M (X)	B - Baskets S - Equities D - Debt instruments G - Derivatives (options, futures, swaps, spot, forwards, strategies, financing) T - Commodities C - Currencies (specified exchange rate) I - Indices (the performance of an index) N - Interest rates (specified amount based on the future level of interest rates) M - Others (miscellaneous) (X - No value)	Indicates the type of underlying assets in which the structured instrument participates

Field	Used for	Accepted Values	Definitions	Help text
Assets	CFI	R B E V L C D F K M (X)	R - Real estate D - Debt instruments E - Equities V - Convertible securities L - Mixed C - Commodities D - Derivatives F - Referential instruments excluding commodities K - Credits M - Others (miscellaneous) (X - No value)	Indicates the underlying assets in which the fund invests
Asset Classes	CFI	E D F R T C M (X)	E -Equities D - Debt instruments F - CIVs R - Real estate T - Commodities C - Currencies M - Others (miscellaneous) (X - No value)	Asset Classes of the Indices
Closed/Open End	CFI	C O M (X)	C - Closed-end O - Open-end M - Others (miscellaneous) (X - No value)	
Closed/open	CFI	C O M (X)	C - Closed O - Open M - Others (miscellaneous) (X - No value)	
Distribution Policy	CFI	I G J (X)	I - Income funds G - Accumulation funds J - Mixed funds (X - No value)	Indicates the fund's normal distribution policy
Security type and investor restrictions	CFI	S Q U Y (X)	S - Shares Q - Shares for QI U - Units Y - Units for QI (X - No value)	

Field	Used for	Accepted Values	Definitions	Help text
Investment strategy	CFI	D R S E A N L M (X)	D - Directional R - Relative value S - Security selection E - Event-driven A - Arbitrage N - Multi-strategy L - Asset-based lending M - Others (miscellaneous) (X - No value)	The investment process describes core hedge fund strategy characteristics
Strategy/style	CFI	B G L M (X)	B - Balanced/conservative G - Growth L - Lifestyle M - Others (miscellaneous) (X - No value)	Describe different approaches to asset allocation and risk management.
Type of funds	CFI	I H B E P M (X)	I - Standard (vanilla) investment funds/mutual funds H - Hedge funds B - REITs E - ETFs P - Private equity funds M - Others (miscellaneous) (X - No value)	Type of funds in which the fund invests
Type of interest or cash payment	CFI	F Z V C K (X)	F - Fixed rate Z - Zero rate/discounted V - Variable C - Cash payment K - Payment in kind (X - No value)	
Type of interest	CFI	F Z V K (X)	F - Fixed rate Z - Zero rate/discounted V - Variable K - Payment in kind (X - No value)	

Field	Used for	Accepted Values	Definitions	Help text
Type of interest rates	CFI	N V F R M (X)	N - Nominal V - Variable F - Fixed R - Real M - Others (miscellaneous) (X - No value)	
Guarantee or ranking	CFI	T G S U P N O Q J C (X)	T - Government guarantee G - Joint guarantee S - Secured U - Unsecured/unguaranteed P - Negative pledge N - Senior O - Senior subordinated Q - Junior J - Junior subordinated C - Supranational (X - No value)	Indicates, in the case of the issuer's inability to settle, whether the debt issue is additionally guaranteed/secured
Call/put	CFI	C P B (X)	C - Call P - Put B - Call and put (X - No value)	The warrant entitles the holder to acquire assets or to acquire cash in exchange for specific underlying assets
Exercise option style	CFI	E A B M (X)	E - European A - American B - Bermudan M - Others (miscellaneous) (X - No value)	Defines when an option holder can exercise their rights
Barrier dependency type	CFI	T N M (X)	T - Barrier underlying based N - Barrier instrument based M - Others (miscellaneous) (X - No value)	Indicates whether the instrument barrier depends on the underlying level or on the instrument trading price level
Long/short	CFI	C P M (X)	C - Long P - Short M - Others (miscellaneous) (X - No value)	The instrument entitles the holder to acquire assets or to acquire cash in exchange for specific underlying assets

Field	Used for	Accepted Values	Definitions	Help text
Delivery	CFI	P C N E (X)	P - Physical C - Cash N - Non-deliverable E - Elect at exercise (X - No value)	The settlement of the instrument, when exercised, is made in cash or whether the underlying instruments are delivered
Standardized/non-standardized	CFI	S N (X)	S - Standardized N - Non-standardized (X - No value)	Indicates whether the terms of the contract are standardized or not
Frequency of calculation	CFI	D W N Q S A M (X)	D - Daily W - Weekly N - Monthly Q - Quarterly S - Semi-annually A - Annually M - Others (miscellaneous) (X - No value)	
Weighting types	CFI	P C E F M (X)	P - Price weighted C - Capitalization weighted E - Equal weighted F - Modified market capitalization weighted M - Other weighting (miscellaneous) (X - No value)	Type of weighting of the financial instruments in the index
Index return types	CFI	P N G M (X)	P - Price return N - Net total return G - Gross total return M - Others (miscellaneous) (X - No value)	Define how an index calculates and reports performance, considering factors like dividends and reinvestment
Components	CFI	S B H A W U M (X)	S - Combination of shares (with different characteristics) B - Combination of bonds (with different characteristics) H - Share and bond A - Share and warrant W - Warrant and warrant (or multiple) U - Fund unit and other components M - Others (miscellaneous) (X - No value)	Components of packages of different financial instruments issued and/or traded as one single unit

Field	Used for	Accepted Values	Definitions	Help text
Further grouping	CFI	R I E T N P S M (X)	R - Real estate deeds I - Insurance policies E - Escrow receipts T - Trade finance instruments N - Carbon credit P - Precious metal receipts S - Other OTC derivative products M - Others (miscellaneous) (X - No value)	Other types of instruments not included in the previous groups
Abbreviated Instrument Description	FISN	Alphanumeric	Depends on instrument group and category As per ISO 18774 Financial Instrument Short Name (FISN) - Official Abbreviation List	The system will auto calculate it during the FISN creation, based on Instrument input
Tranche	FISN	1 alpha. Accepted values: letter from A to Z		
Barrier Type	FISN	KI, KO	KI - Knock In KO - Knock Out	Barrier options activate or expire when the underlying asset hits a set price, including knock-in and knock-out types
Option style	FISN	EPN, AMER, BERM	EPN- European AMER - American BERM - Bermudan	Option exercise styles in financial markets
Tenor	FISN	up to 5 alphanumeric.	Length of time remaining before contract expires XXX D(days), M(Months), Y(years).	Length of time until a financial instrument matures or is due for repayment: : xxx D(days), M(Months), Y(years)
Country Code Indices Benchmark Administrator	FISN	2 alphas. Accepted values: letters from A to Z		As per the International Standard ISO 3166 - Country codes
Mandatory separation year	FISN	Year format: YYYY		Contractual requirement to separate components of a combined instrument after a specific period
Dividend amount	FISN	Up to 5 alphanumeric. Format: nn.dd	2 Intergers and 2 decimals after separator	

Field	Used for	Accepted Values	Definitions	Help text
Issue Currency	Additional attributes	3 alphas ISO 4217: DKK, EUR, NOK etc. + CHN, GBX, MCU, PRC, PTX,UYR, XXR, USX, ZAC, XXX	A 3-letter abbreviation XXX - No currency	As per the International Standard ISO 4217 - Currency codes
Issue description	Additional attributes	Max 120 alphanumeric Only UTF-8 characters	Free text field	
Digital asset	Additional attributes	Y/N	Y – Yes, the instrument will be issued in a digital form N - No, the instrument will not be issued in a digital asset (Default N)	
Nominal Value	Additional attributes	Max 19 alphanumeric, format: nnnnnnnnnnnn.dddddd or "NPV"	Value options - 12 integers, 6 decimals after separator NVP - Non-Par Value	
Restrictions	Additional attributes	RegS 144A FgnOwn AI 144A+3c7 RegS+3c7 Uiss AI+3c7	RegS - Offered under Reg S 144A - Offered only to 144A-QIB FgnOwn - Restriction applies to Foreign Ownership AI - Restricted to Accredited Investors 144A+3c7 - Sell only to both 144A -QIB&3c7-QP RegS+3c7 - Offered under Reg S and 3c7 UIss - Unitary Issue AI+3c7 - Restricted to Accredited Investors & 3c7-QP	Limitations placed on sale, transfer, or trading of certain financial instruments, if applicable.
Class	Additional attributes	up to 5 alphanumeric.	CL-**XX**	Add up to 2 more alphanumeric (5 in total). Only capital letters
Series	Additional attributes	up to 5 alphanumeric.	S-**XXX**	Add up to 3 more alphanumeric (5 in total). Only capital letters
Terms/Prospectus	Additional attributes	Y/N	Y - Yes N - No	Is documentation of the instrument obtained and validated?
Smallest Denomination	Additional attributes	Numeric Max. 19 - Format nnnnnnnnnnnn.dddddd	Value options - 12 integers and 6 decimals after separator	Minimum amount or lowest unit in which an instrument can be issued, traded, or held

Field	Used for	Accepted Values	Definitions	Help text
Conversion Ratio	Additional attributes	Max. 12 Numeric - Format: nnnnn.dddddd	Value options - 5 integers and 6 decimals after separator	Conversion ratio – Securities received when converting a convertible security Contract size – Underlying asset quantity
Maturity / Expiry Date	Additional attributes	up to 8 alphanumeric. YYYYMMDD or "P" or "Q" or "R"	YYYYMMDD - date of maturity **P** - Perpetual (The debt instrument has no fixed maturity date and is only due for redemption in the case of the issuer's liquidation.) **Q** - Perpetual with call feature (The issue may be called for redemption at some time in the future.) **R** - Perpetual with Put feature. (The issue may be puttable for redemption at some time in the future)	
Exercise Price	Additional attributes	Max 16 numeric. Format: nnnnnnnnn.dddddd	Value options - 9 integers, 6 decimals after separator	Fixed price at which an option holder can buy or sell the underlying asset before expiration
Exercise Price Currency	Additional attributes	3 alphas ISO 4217: DKK, EUR, NOK etc. + CHN, GBX, MCU, PRC, PTX,UYR, XXR, USX, ZAC, XXX, PRC	A 3-letter abbreviation XXX - No currency PRC - Percentage	As per the International Standard ISO 4217 - Currency codes
Underlying Assets	Additional attributes	2 alphas - 10 alphanumeric	Variable alphanumeric - ISIN format accepted. Can be list of Max. 100 ISINs separated by "~"	The underlying instrument ISIN code of the asset financial instrument upon which the instrument is based
Type of Interest	Additional attributes	F", "Z", "V", "C", "K", "D", "Y" or "M"	F - Fixed rate (All interest payments are known at issuance and remain constant for the life of the issue.) Z - Zero rate / Discounted (No periodical interest payments are made; the interest charge (discount) is the difference between maturity value and proceeds at the time of acquisition.) V - Variable (The interest rate is subject to adjustment through the life of the issue includes graduated, i.e. step-up/step-down, floating and indexed interest rates) C - Cash payment K - Payment in kind D - Dividend Payment Y - Non-Payment M - Other (Miscellaneous)	If you already assigned a Type of interest on the CFI Code generation, use the same attribute on this field

Field	Used for	Accepted Values	Definitions	Help text
Interest Payment Date	Additional attributes	4 numeric. Format MMDD	(month day)	The first interest payment date in a calendar year
Interest Frequency	Additional attributes	1 Alpha. "B", "A", "S", "Q", "M","W", "D", "X"	B - Bi-annual A - Annual S - Semi-annual Q - Quarterly M - Monthly W - Weekly D - Daily X - Other	Frequency of interest payments.
First Interest Payment Date	Additional attributes	8 Numeric. Format date YYYYMMDD		
Additional Information	Additional attributes	Up to 255 Alphanumeric. Free Text Only UTF-8 characters		
Market Identifier Code (MIC)	Additional attributes	Variable Alpha Max. 70 MICs per ISIN.	Multiple values as per ISO 10383, separated by the tilde character "~"	A MIC code is used to identify securities trading venues, such as stock exchanges, trading platforms, and dark pools Do we have a list
Old ISIN	Additional attributes	Up to 64 Alphanumeric. Max 5 ISINs separated by space	2 alpha - 10 alphanumeric	Old ISIN relating to a Corporate Action
New ISIN	Additional attributes	12 Alphanumeric. ISIN Format		New ISIN relating to a Corporate Action
Call/Put	Additional attributes	1 alpha, "C" or "P"	C - Call P - Put	
Underlying Instrument Name	Additional attributes	Max. 255 Alphanumeric Only UTF-8 characters		Name of the asset or financial instrument that a derivative, structured product, or entitlement is based on

Field	Used for	Accepted Values	Definitions	Help text
Lead Manager Name	Additional attributes	Max. 255 Alphanumeric Only UTF-8 characters	Name of the Lead Manager	Should contain the full legal name of the Bank/Underwriting firm that have the lead role during the issuance initiation of the respective ISIN record
Lead Manager LEI	Additional attributes	20 Alphanumeric ISO 17442	LEI code of the Lead Manager	
Fund Manager Name	Additional attributes	Max. 255 Alphanumeric Only UTF-8 characters		Should contain the full legal name of the Fund Manager of the respective ISIN record
Fund Manager LEI	Additional attributes	20 Alphanumeric ISO 17442		
Central Security Depository (CSD) Name	Additional attributes	Max. 255 Alphanumeric. Max 10 values	Name of the CSD Possible to add up to 10 CSDs, separated by "~"	Legal name of the Central Securities Depository used for the issuance. If the security is already issued in another CSD or is going to be issued in another, multiple ones can be listed
Central Security Depository (CSD) LEI	Additional attributes	20 Alphanumeric ISO 17442, max 10 LEI codes	LEI code of the CSD Possible to add up to 10 LEI codes	
Quantity of the security	Additional attributes	12 Numeric		
Issue date	Additional attributes	YYYYMMDD		Date on which the instrument is issued
Issue price	Additional attributes	Max 19 numeric. Format: nnnnnnnnnnnn.dddddd		Price the instrument is initially issued
CSD indicator	Additional attributes	Alpha 1 Y or N	Y - Yes N - No Registered or not registered in the CSD	
Date of the registration in the CSD	Additional attributes	YYYYMMDD		

Field	Used for	Accepted Values	Definitions	Help text
ESG	Additional attributes	Yes or Blank	Blank by default	Characteristics related to Environmental, Social, and Governance (ESG) factors
Digital Asset	Additional attributes	Y/N	Y - Yes N - No (Default No)	Indicates if the instrument is issued in digital form

7.3 FISN structure

7.3.1 Debt Instruments Structure

Instrument category and group				FISN components							
Category	Category Name	Group	Group Name	1	2	3	4	5	6	7	8
D	Debt	B	Bonds	Max first 15 characters of Issuer Short Name	/	Interest Rate Type	Abbr Inst Desc	Maturity Date	Class	Series	Tranche
D	Debt	C	Convertible bonds	Max first 15 characters of Issuer Short Name	/	Interest Rate Type	Abbr Inst Desc	Maturity Date	Class	Series	Tranche
D	Debt	W	Bonds with warrants attached	Max first 15 characters of Issuer Short Name	/	Interest Rate Type	Abbr Inst Desc	Maturity Date	Class	Series	Tranche
D	Debt	T	Medium-term notes	Max first 15 characters of Issuer Short Name	/	Interest Rate Type	Abbr Inst Desc	Maturity Date	Class	Series	Tranche
D	Debt	Y	Money market instruments	Max first 15 characters of Issuer Short Name	/	Interest Rate Type	Abbr Inst Desc	Maturity Date			
D	Debt	S	Structured instruments (capital protection)	Max first 15 characters of Issuer Short Name	/	Interest Rate Type	Abbr Inst Desc	Maturity Date	Barrier Type		

Category	Category Name	Group	Group Name	1	2	3	4	5	6	7	8
D	Debt	E	Structured instruments (without capital protection)	Max first 15 characters of Issuer Short Name	/	Interest Rate Type	Abbr Inst Desc	Maturity Date	Barrier Type		
D	Debt	G	Mortgage-backed securities	Max first 15 characters of Issuer Short Name	/	Interest Rate Type	Abbr Inst Desc	Maturity Date	Class	Series	Tranche
D	Debt	A	Asset-backed securities	Max first 15 characters of Issuer Short Name	/	Interest Rate Type	Abbr Inst Desc	Maturity Date	Class	Series	Tranche
D	Debt	N	Municipal bonds	Max first 15 characters of Issuer Short Name	/	Interest Rate Type	Abbr Inst Desc	Maturity Date	Class	Series	Tranche
D	Debt	D	Depository receipts on debt instruments	Max first 15 characters of Issuer Short Name	/	Interest Rate Type	Abbr Inst Desc	Maturity Date	Class	Series	Tranche
D	Debt	M	Others (miscellaneous)	Max first 15 characters of Issuer Short Name	/	Interest Rate Type	Abbr Inst Desc	Maturity Date			

Debt Instruments Components

FISN component	Component description	Mandatory/ Optional/ Conditional	Specification
Issuer Short Name	The Issuer Name is specified in the client onboarding. Only CAP letters are used	M	
/		M	
Interest rate type	There are three varieties of interest rate type: **Fixed rate** - will be applying the actual interest rate, e.g. 2.2% - 2.2 **Fixed rate** - If the interest rate is 0, Z will be applied **Variable rate** - for variable interest rate a V will be applied	M	
Abbr. Inst Desc	Derived from Group selection. The different options have been selected and will be applied automatically.	M	
Maturity Date	The Maturity Date is derived from the date selected. The entire date and year will be shown as **YYYYMMDD**	C	If there is a maturity date
Class	Consist of 3 predefined digits and 2 added, it will be shown as CL-**XX**	O	
Series	Consist of 2 predefined digits and 3 can be added, it will be shown as S-**XXX**	O	
Tranche	Consist of 1 Alpha letter from A-Z	O	
Barrier Type	Derived from the selection of Knock out/Knock in - a **KO**	O	

Debt Abbreviations Instrument Descriptions

Category	Group	Name	Abbreviation
D	B	Bonds	BD
D	C	Convertible Bonds	CV BD
D	W	Bonds with Warrants attached	BD WRT
D	T	Medium-Term Notes	MTN
D	T	Euro Medium-Term Notes	EMTN
D	Y	Money Market Instruments	MMKT INSTR
D	Y	Commercial paper	CP
D	Y	Euro Commercial paper	EUR CP
D	Y	Treasury Bills	TB
D	S	Structured Instruments, with Capital Protection	STRWCPR
D	S	Structured Instruments	STRUCT
D	E	Structured Instruments, without Capital Protection	STRWOCPR
D	E	Structured Instruments	STRUCT
D	G	Mortgage-backed securities	MBS
D	A	Asset-backed securities	ASST BKD
D	N	Municipal Bonds	MUN BD
D	D	Depository receipts	DR DBT
D	M	Others	OTH DBT
D	M	Bank Loan	BK LN
D	M	Promissory note	PROM NT

7.3.2 Equities Instruments Structure

Instrument category and group				FISN components							
Category	Category Name	Group	Group Name	1	2	3	4	5	6	7	8
E	Equities	S	Common/ordinary shares	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc	Class	Series	Nominal value		
E	Equities	P	Preferred/preference shares	Max first 15 characters of Issuer Short Name	/	Dividend Amount	Abbr Inst Desc	Class	Series		
E	Equities	C	Common/ordinary convertible shares	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc	Class	Series	Nominal value		
E	Equities	F	Preferred/preference convertible shares	Max first 15 characters of Issuer Short Name	/	Dividend Amount	Abbr Inst Desc	Class	Series		
E	Equities	L	Limited partnership units	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc	Class	Series	Issue Currency		
E	Equities	D	Depository receipts on equities	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc	Restrictions				

Category	Category Name	Group	Group Name	1	2	3	4	5	6	7	8
E	Equities	Y	Structured instruments (participation)	Max first 15 characters of Issuer Short Name	/	Dividend Amount	Abbr Inst Desc	Maturity Date			
E	Equities	M	Others (miscellaneous)	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc					

Equities Instrument components

FISN component	Component description	Mandatory/ Optional/ Conditional	Specification
Issuer Short Name	The Issuer Name is specified in the client onboarding. Only CAP letters are used	M	
/		M	
Dividend Amount	Consist of up to 5 alphanumeric digits **NN.DD**	O	
Abbr. Inst Desc	Derived from Group selection. The different options have been selected and will be applied automatically.	M	
Maturity Date	The Maturity Date is derived from the date selected. The entire date and year will be shown as **YYYYMMDD**	C	If there is a maturity date
Class	Consist of 3 predefined digits and 2 added, it will be shown as CL-**XX**	O	
Series	Consist of 2 predefined digits and 3 can be added, it will be shown as S-**XXX**	O	
Restrictions	Limitations placed on sale, transfer or trading. Options are **RegS, 144A, FgnOwn, AI, 144A+3c7, RegS+3c7, Uiss, AI+3c7**	O	
Issue Currency	The 3-letter abbreviation, e.g. **DKK**, **EUR**, **NOK**, or **XXX** for no currency	O	
Nominal value	The nominal value of the instrument up to 19 alphanumeric, **NNNNNNNNNNNN.DDDDDD** or "**NPV**"	O	

Equities Abbreviations Instrument Descriptions

Category	Group	Name	Abbreviation
E	S	Common/ordinary shares	SHS
		Common/ordinary shares bearer	BR SHS
		Common/ordinary shares registered	REG SHS
E	C	Common/ordinary Convertible Shares	CV SHS
		Common/ordinary Convertible Shares bearer	CV BR SHS
		Common/ordinary Convertible Shares Registered	CV REG SHS
E	L	Units of Limited Partnership	ULP
		Units of Limited Partnership Registered	ULP REG
		Units of Limited Partnership Bearer	ULP BR
E	D	American Depository Receipt	ADR
		Depository Receipt	DR
		Sponsored	S
		Global depositary receipt	GDR
		Depository Share	DS

Category	Group	Name	Abbreviation
E	P	Preferred / Preference shares	PFD PREF
		Preferred / Preference shares registered	PFD PREF REG
		Preferred / Preference shares bearer	PFD PREF BR
		Preferred Shares	PFD
		Preferred Shares Registered	PFD REG
		Preferred Shares Bearer	PFD BR
		Preference Shares	PREF
		Preference Shares Bearer	PREF BR
		Preference Shares Registered	PREF REG
E	F	Preferred / Preference convertible shares	PFD PREF CV
		Preferred / Preference convertible shares Bearer	PFD PREF CV BR
		Preferred / Preference convertible shares Registered	PFD PREF CV REG
		Preference convertible shares	PREF CV
		Preference convertible shares Registered	PREF CV REG
		Preference convertible shares Bearer	PREF CV BR
		Preferred convertible shares	PFD CV
		Preferred convertible shares Registered	PFD CV REG
		Preferred convertible shares Bearer	PFD CV BR
E	Y	Structured instruments (participation)	STRUCT PARTN
E	M	Others	EQ OTH

7.3.3 CIVs (Investment funds) Instruments Structure

Instrument category and group				FISN components							
Category	Category Name	Group	Group Name	1	2	3	4	5	6	7	8
C	CIVs	I	Standard (vanilla) investment funds/mutual funds	Name of the Fund (Issuer Short Name)	/	Abbr Inst Desc	Class	Series	Issue Currency		
C	CIVs	H	Hedge funds	Name of the Fund (Issuer Short Name)	/	Abbr Inst Desc	Class	Series	Issue Currency		
C	CIVs	B	Real estate investment trust (REITs)	Name of the Fund (Issuer Short Name)	/	Abbr Inst Desc	Class	Series	Issue Currency		
C	CIVs	E	Exchange traded funds (ETFs)	Name of the Fund (Issuer Short Name)	/	Abbr Inst Desc	Class	Series	Issue Currency		
C	CIVs	S	Pension funds	Name of the Fund (Issuer Short Name)	/	Abbr Inst Desc	Class	Series	Issue Currency		
C	CIVs	F	Funds of funds	Name of the Fund (Issuer Short Name)	/	Abbr Inst Desc	Class	Series	Issue Currency		

Category	Category Name	Group	Group Name	1	2	3	4	5	6	7	8
C	CIVs	P	Private equity funds	Name of the Fund (Issuer Short Name)	/	Abbr Inst Desc	Class	Series	Issue Currency		
C	CIVs	M	Others (miscellaneous)	Name of the Fund (Issuer Short Name)	/	Abbr Inst Desc	Class	Series	Issue Currency		

CIVs (Investment Funds) Instrument Components

FISN component	Component description	Mandatory/ Optional/ Conditional	Specification
Issuer Short Name	The Issuer Name is specified in the client onboarding. Only CAP letters are used	M	
/		M	
Abbr. Inst Desc	Derived from Group selection. The different options have been selected and will be applied automatically.	M	
Class	Consist of 3 predefined digits and 2 added, it will be shown as CL-**XX**	O	
Series	Consist of 2 predefined digits and 3 can be added, it will be shown as S-**XXX**	O	
Issue Currency	The 3-letter abbreviation, e.g. **DKK**, **EUR**, **NOK**, or **XXX** for no currency	O	

CIVs (Investment Funds) Abbreviations Instrument Descriptions

Category	Group	Name	Abbreviation
C	I	Standard/Vanilla Fund	STD FD
C	H	Hedge Funds	HDG FD
C	B	Real estate investment trust (REITs)	REIT
C	E	Exchange traded funds (ETFs)	ETF
C	S	Pension funds	PEN FD
C	F	Funds of Funds	FOF
C	P	Private equity funds	PVT EQ FD
C	M	Others (miscellaneous) Funds	OTH FD

7.3.4 Entitlement Rights Instruments Structure

Instrument category and group				FISN components							
Category	**Category Name**	**Group**	**Group Name**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
R	Entitlement Rights	A	Allotment (bonus) rights	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc	Maturity Date				
R	Entitlement Rights	S	Subscription rights	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc	Maturity Date				
R	Entitlement Rights	P	Purchase rights	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc	Maturity Date				
R	Entitlement Rights	W	Warrants	Max first 15 characters of Issuer Short Name	/	Warrant type = (Field CALL / PUT)	Abbr Inst Desc	Maturity Date	Class		
R	Entitlement Rights	F	Mini-future certificates, constant leverage certificates	Max first 15 characters of Issuer Short Name	/	Warrant type = (Field CALL / PUT)	Abbr Inst Desc	Maturity Date			
R	Entitlement Rights	D	Depository receipts on entitlements	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc	Maturity Date				

Category	Category Name	Group	Group Name	1	2	3	4	5	6	7	8
R	Entitlement Rights	M	Others (miscellaneous)	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc	Maturity Date				

Entitlement Rights Instrument Components

FISN component	Component description	Mandatory/ Optional/ Conditional	Specification
Issuer Short Name	The Issuer Name is specified in the client onboarding. Only CAP letters are used	M	
/		M	
Abbr. Inst Desc	Derived from Group selection. The different options have been selected and will be applied automatically.	M	
Warrant Type	**C**-call or **P**-put	O	
Maturity Date	The Maturity Date is derived from the date selected. The entire date and year will be shown as YYYYMMDD	**C**	If there is a Maturity Date
Class	Consist of 3 predefined digits and 2 added, it will be shown as CL-XX	**O**	

Entitlement Rights Abbreviations Instrument Descriptions

Category	Group	Name	Abbreviation
R	A	Allotment (rights)	ALLOTT RT
R	S	Subscription rights	SUBS RT
R	P	Purchase rights	PUR RT
R	W	European	ERP WRT
		American	AMER WRT
		Bermudan	BERM WRT
		Others	OTH WRT
		Traditional Warrants	TRD WRT
		Naked Warrants	NKD WRT
		Structured Warrants	STRUCT WRT
		Covered Warrants	COV WRT
R	F	Mini-future certificates, constant leverage certificates	MINIF
R	D	Depository receipt	DR
		Allotment (rights)	ALLOTT RT DR
		Subscription rights	SUBS RT DR
		Purchase rights	PUR RT DR
		Others (miscellaneous)	OTH DR
R	M	Warrants	WRT DR
		Others	OTH ENTL RT

7.3.5 Listed Options Instruments Structure

Instrument category and group				FISN components							
Category	Category Name	Group	Group Name	1	2	3	4	5	6	7	8
O	Listed Options	C	Call options	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc	Maturity date	Type of option	Option style		
O	Listed Options	P	Put options	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc	Maturity date	Type of option	Option style		
O	Listed Options	M	Others (miscellaneous)	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc	Maturity date	Type of option	Option style		

Listed Options Instrument Components

FISN component	Component description	Mandatory/ Optional/ Conditional	Specification
Issuer Short Name	The Issuer Name is specified in the client onboarding. Only CAP letters are used	M	
/		M	
Abbr. Inst Desc	Derived from Group selection. The different options have been selected and will be applied automatically.	M	
Maturity Date	The Maturity Date is derived from the date selected. The entire date and year will be shown as YYYYMMDD	**C**	If there is a Maturity Date
Type of Option	**C -** CALL, **P** - PUT, **OTH** – OTHERS, defined by CFI code	O	
Option Style	**EPN**- European, **AMER** – American or **BERM** - Bermudan	O	

Listed Options Abbreviations Instrument Descriptions

Category	Group	Name	Abbreviation
O	C	Call Options	O
O	P	Put Options	O
O	M	Others (miscellaneous)	O

7.3.6 Referential Instruments Structure

Category	Category Name	Group	Group Name	1	2	3	4	5	6	7	8
T	Referential Instrument	C	Currencies	Max first 15 characters of Issuer Short Name	/	Issue Currency					
T	Referential Instrument	R	Interest rates	Max first 15 characters of Issuer Short Name	/	Issue Currency	Abbr Inst Desc	Tenor			
T	Referential Instrument	I	Indices	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc	ISO country code (3166)				
T	Referential Instrument	M	Others (miscellaneous)	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc					

Instrument category and group / *FISN components*

Referential Instrument Components

FISN component	Component description	Mandatory/ Optional/ Conditional	Specification
Issuer Short Name	The Issuer Name is specified in the client onboarding. Only CAP letters are used	M	
/		M	
Abbr. Inst Desc	Derived from Group selection. The different options have been selected and will be applied automatically.	M	
Issue Currency	The 3-letter abbreviation, e.g. **DKK**, **EUR**, **NOK**, or **XXX** for no currency	O	
ISO Country Code	2 Alphas, e.g. **PT**, **NO**, **IT**, **DK**	O	
Tenor	Up to 5 alphanumeric, Length of time remaining before contract expires **XXX** **D**(days), **M**(Months), **Y**(years).	O	

Referential Abbreviations Instrument Descriptions

Category	Group	Name	Abbreviation
T	C	Currencies	CY
T	R	Interest Rates	IR
T	I	Indices	IDX
T	M	Others (miscellaneous)	REFTL INSTRS OTH

7.3.7 Futures Instruments Structure

Instrument category and group				FISN components							
Category	**Category Name**	**Group**	**Group Name**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
F	Futures	F	Financial futures	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc	Maturity Date				
F	Futures	C	Commodities futures	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc	Maturity Date				

Futures Instrument Components			
FISN component	**Component description**	**Mandatory/ Optional/ Conditional**	**Specification**
Issuer Short Name	The Issuer Name is specified in the client onboarding. Only CAP letters are used	M	
/		M	
Abbr. Inst Desc	Derived from Group selection. The different options have been selected and will be applied automatically.	M	
Maturity Date	The Maturity Date is derived from the date selected. The entire date and year will be shown as **YYYYMMDD**	**C**	If there is a Maturity Date

Futures Abbreviations Instrument Descriptions

Category	Group	Name	Abbreviation
F	F	Financial futures	F
F	C	Commodities futures	F

7.3.8 Miscellaneous Instruments Structure

Instrument category and group				FISN components							
Category	Category Name	Group	Group Name	1	2	3	4	5	6	7	8
M	Others Miscel-laneous	C	Combined instruments	Max first 15 characters of Issuer Short Name	/	Abbr Inst Desc	Component	Mandatory separation year			
M	Others Miscel-laneous	M	Other assets (miscellaneous) - Insurance policies ?	Max first 15 characters of Issuer Short Name	/	Issue Currency	Abbr Inst Desc	Maturity Date			

Miscellaneous Instrument Components

FISN component	Component description	Mandatory/ Optional/ Conditional	Specification
Issuer Short Name	The Issuer Name is specified in the client onboarding. Only CAP letters are used	M	
/		M	
Abbr. Inst Desc	Derived from Group selection. The different options have been selected and will be applied automatically.	M	
Issue Currency	The 3-letter abbreviation, e.g. **DKK**, **EUR**, **NOK**, or **XXX** for no currency	O	
Component	**S** - Combination of shares **B** - Combination of bonds **H** - Share and bond **A** - Share and warrant **W** - Warrant and warrant (or multiple) **U** - Fund unit and other components **M** - Others (miscellaneous)	O	
Mandatory separation year	Year format **YYYY**, Contractual requirement to separate components of a combined instrument after a specific period	O	
Maturity Date	The Maturity Date is derived from the date selected. The entire date and year will be shown as **YYYYMMDD**	**C**	If there is a Maturity Date

Miscellaneous Abbreviations Instrument Descriptions

Category	Group	Name	Abbreviation
M	C	Combined instruments	UT
M	M	Other assets (miscellaneous)	OTH ASST

EURONEXT SECURITIES